REPORT

ON

The Meteorology of India

IN

1890.

BY

JOHN ELIOT, M.A.,

METEOROLOGICAL REPORTER TO THE GOVERNMENT OF INDIA.

SIXTEENTH YEAR.

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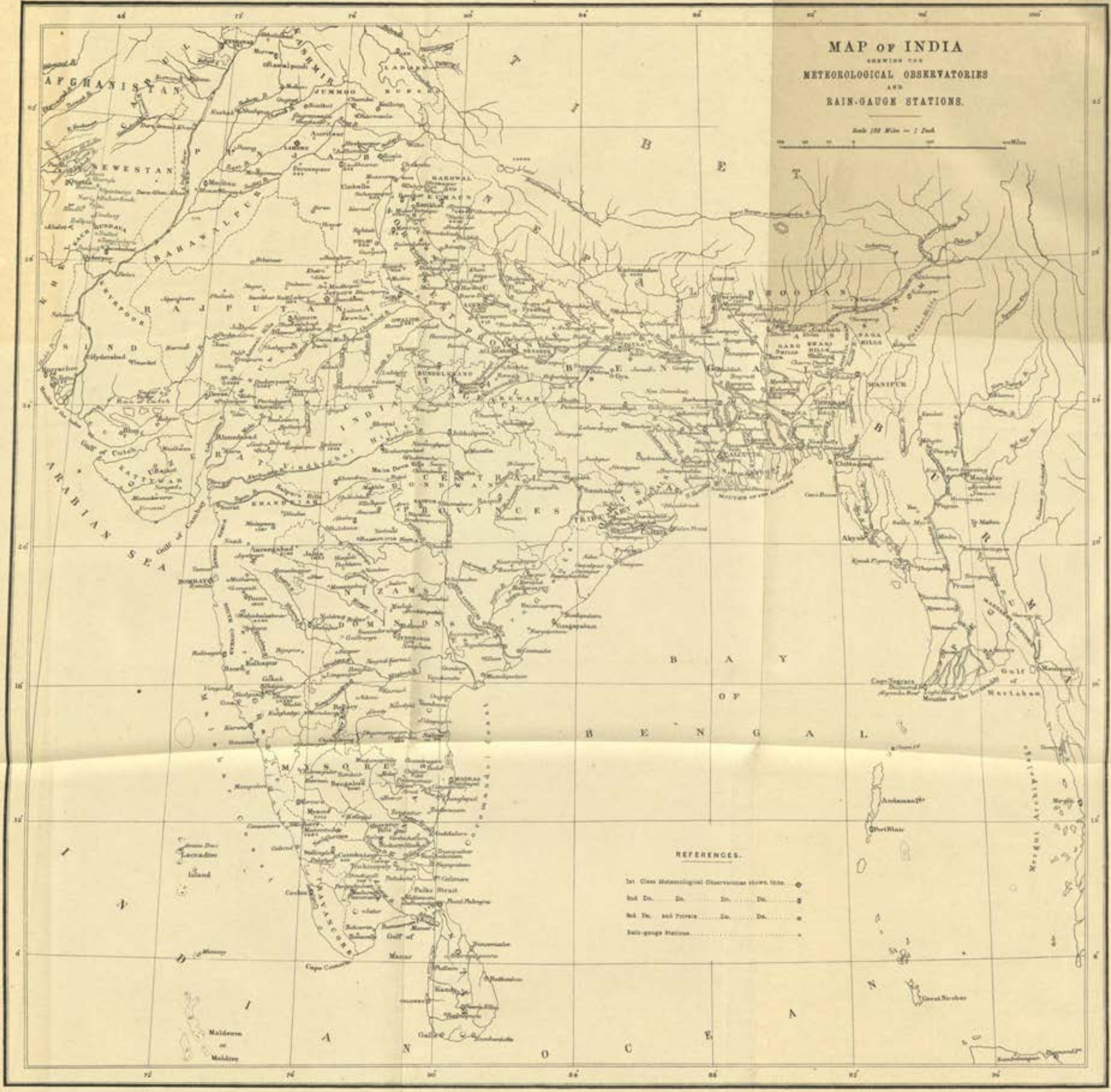

MAP OF INDIA
SHEWING THE
METEOROLOGICAL OBSERVATORIES
AND
RAIN-GAUGE STATIONS.

Scale 128 Miles = 1 Inch

REFERENCES.
1st Class Meteorological Observatories shewn thus ◆
2nd Do. Do. Do. Do. ▮
3rd Do. and Private Do. Do. ●
Rain-gauge Stations •
AFGHANISTAN
KASHMIR
BELUCHISTAN
SEWESTAN
RAJPUTANA
SIND
CENTRAL PROVINCES
NIZAMS DOMINIONS
MYSORE
TRAVANCORE
BENGAL
BHOOTAN
BURMA
TIBET
MANIPUR
ARABIAN SEA
BAY OF BENGAL
INDIAN OCEAN
Gulf of Cutch
Gulf of Cambay
Gulf of Martaban
Gulf of Manar
Palks Strait
BOMBAY
CALCUTTA
MADRAS
Lahore
Bangalore
Mysore
Andaman Is.
Port Blair
Great Nicobar
Laccadive Island
Maldeves or Maldives
Cape Comorin
Cape Negrais
Mergui Archipelago
Scale 128 Miles = 1 Inch
Miles
68°
72°
76°
80°
84°
88°
92°
96°
100°
32°
28°
24°
20°
16°
12°
8°

Reg. No. [illegible]
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Litho., S. I. O., Calcutta.

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REPORT

ON

THE METEOROLOGY OF INDIA IN 1890.

INTRODUCTION.

THE present volume contains the Annual Report of the Indian Meteorological Department for the year 1890. It is the sixteenth report and the sixth of the second decade, and gives the results in the same form as in previous years of the observations recorded at 90 stations. At most of these stations observations are now taken at 10 and 16 hours, and also 8 hours. The 8 hours' observations are utilized in the preparation of the Daily Weather Report, which also includes observations taken at a large number of stations in addition to those which furnish data for the present report. As these additional third class observatories record observations at 8 hours only, their results are not given in the present report. Their observations are, however, utilized in the present report whenever they throw any additional light on the subject under discussion.

The elements of meteorological observation are discussed in the following order:—

(1) Solar radiation and duration of sunshine.
(2) Nocturnal radiation and temperature of the ground.
(3) Temperature of the air.
(4) Atmospheric pressure.
(5) Wind direction and velocity.
(6) Hygrometry.
(7) Cloud proportion.
(8) Rainfall.

The concluding section contains a brief discussion of the more important meteorological features of the year and their variations from the normal conditions, and an attempt to correlate them, so far as is at present possible.

The number and distribution of the observatories which contributed meteorological data during the year 1890, 1stly, for the Annual Report, as well as for the Daily Report, and, 2ndly, for the Daily Report only, are given in the following statement:—

PROVINCE OR COUNTRY.	Number of stations contributing registers of 10 and 16 hours' observations, summaries of which are given in the Annual Report.	Number of stations contributing 8 hours' observations only, which are chiefly utilized in the Daily Report and Chart.
Africa	1	1
Asiatic Turkey	...	1
Arabia	1	1
Persia	...	1
Carried over .	2	4

PROVINCE OR COUNTRY.	Number of stations contributing registers of 10 and 16 hours' observations, summaries of which are given in the Annual Report.	Number of stations contributing 8 hours' observations only, which are chiefly utilized in the Daily Report and Chart.
Brought forward	2	4
Beluchistan	1	1
Kashmir	1	...
Punjab	8	13
North-Western Provinces and Oudh	10	13
Nepal	1	...
Assam	4	3
Bengal	14	46
Central Provinces	8	8
Berar	4	2
Central India	2	5
Rajputana	3	6
Bombay	9	19
Madras, Mysore, and Coorg	9	24
Ceylon	8	1
Burma	4	12
Bay Islands	2	1
TOTAL	90	158

DESCRIPTION AND POSITION OF THE METEOROLOGICAL OBSERVATORY STATIONS.

In the Annual Reports for 1885 (pages 4 to 50) and 1886 (pages 2 and 3) are given full descriptions of the observatories, abstracts of the observations of which are given in the present report, and the geographical features of each station, so far as they are likely to influence the meteorological observations and explain peculiarities in them.

The following table (Table I) gives the latitude and longitude of each station to the nearest minute, and the elevation of the mercury surface in the cistern of the barometer above mean sea-level. The elevations have been determined by spirit-levelling to datum levels, fixed in the great majority of cases by the spirit-levelling operations of the Great Trigonometrical Survey of India, and in others by those of the Railway Departments.

At the following stations the barometers have been removed to levels different from those which they occupied previously, and the changes of elevation must, therefore, be allowed for in comparing the barometric registers of 1890 with those given in previous registers:—

Station.	Former elevation.	Present elevation.	Date of change.
Simla	7,073·2	7,274·2	10th April 1890.
Saugor	1,761·8	1,761·5	18th June 1889.

TABLE I.—*Latitude, Longitude, and Elevation of the First and Second Class Meteorological Observatories.*

Province.	Station.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
Africa .	Zanzibar . .	—6° 10′	39° 11′	73·0	Bar. cistern . .	......	Residency Surgeon, Zanzibar.
Arabia .	Aden . .	12° 45′	45° 3′	94·1	Barometer . .	Determined from the 9′ mark on the tide gauge.	Assistant Resident, Aden.
Kashmir .	Leh . .	34° 10′	77° 42′	11,502·96	Bar. cistern . .	By spirit-level to G. T Survey B. M.	J. B. Morris, Esq., C.E.
Beluchistan	Quetta . .	30° 11′	67° 3′	5,502·26	Ditto . . .	Ditto . . .	Surgeon-Major.
Punjab .	Lahore . .	31° 34′	74° 20′	702·22	Barometer . .	By levelling between former and present situation.	J. E. Hilton, Esq., C.E., Executive Engineer, Lahore Division.
	Ludhiana .	30° 55′	75° 54′	811·86	Bar. cistern . .	Levelled from milestone No. 3 from Ludhiana.	Executive Engineer, Umballa and Ludhiana Road, 1st Division.
	Mooltan . .	30° 10′	71° 33′	420·19	Mercury of bar. cistern.	Levelled from G. T. Survey B. M.	J. D. Davis, Esq., C.E.
	Peshawar .	34° 2′	71° 37′	1,110·4	Bar. cistern, Police Hospital.	By spirit-level to G. T. Survey B. M. . .	Bomford Lovett, Esq., Executive Engineer, Hazara Division.
	Simla . .	31° 6′	77° 12′	7,073·2 (a) 7,274·2	Bar. cistern . .	By levelling . . By levelling between former and present height.	A C. L. Learmouth, Esq., Ex. Engr. Major Thurburn, R.E., Ex. Engr.
	Murree . .	33° 54′	73° 27′	6,343·86	Mercury of bar. cistern.	By spirit-level to G. T. Survey B. M., on Prospect Hill, 1·48 miles distant.	A. Grant, Esq., Assistant Engineer.
N.-W. Provinces and Oudh.	Allahabad .	25° 26′	81° 52′	309·28	Bar. cistern . .	By spirit-level to G. T. Survey B. M., in Fort.	Secretary, Dept. P. W., N.-W. Provinces.
	Agra . .	27° 10′	78° 5′	555·44	Top of bar. cistern .	By spirit-level to G. T. Survey B. M.	Sub-Overseer Mustag Ahmed.
	Lucknow .	26° 50′	81° 0′	369·4	Bar. cistern . .	By measurement to G. T. Survey B. M., on Museum building.	Dr. Bonavia.
	Meerut . .	29° 0′	77° 41′	737·48	Mercury of bar. cistern.	From G. T. Survey B. M.	Ex. Engr., Meerut Division.
	Roorkee . .	29° 52′	77° 56′	886·63	Ditto . .	By spirit-level to two G. T. Survey B. M.	Ex. Engr., Saharunpur.
	Ranikhet .	29° 38′	79° 29′	6,068·75	Ditto . .	From G. T. Survey B. M.	Ex. Engr., Military Works.
Assam .	Sibsagar . .	26° 59′	94° 40′	333	Bar. cistern . .	Measured from G. T. Survey B. M.	Dr. M. Mookerjee.
	Dhubri . .	26° 7′	89° 50′	115·34	Mercury of bar. cistern.	Determined from nearest trigonometrical pillar by levelling.	Mr. Clancy, Assistant Engineer, Dhubri.
	Silchar . .	24° 49′	92° 50′	104·3	Bar. cistern . .	Level taken by the P. W. Dept.	Dr. J. J. Monteath.
Bengal .	Calcutta (Alipore).	22° 32′	88° 20′	21·38	Ditto . .	By spirit-level to Kydd's Dock B. M.	H. F. Blanford, Esq.
	Berhampore .	24° 6′	88° 17′	66·45	Ditto . .	By spirit-level to Irrigation Dept. B. M.	G. Pearson, Esq.
	Burdwan . .	23° 14′	87° 54′	99·09	Ditto . .	......	Dr. Joubert.
	Chittagong .	22′ 21′	91° 50′	86·7	Ditto . .	......	H. F. Blanford, Esq.
	Cuttack . .	20° 29′	85° 54′	80	Ditto . .	By spirit-level to Irrigation Dept. B. M.	T. S. Isaac, Esq., C.E.
	Dacca . .	23° 43′	90° 27′	21·7	Ditto . .	Determined from the previous height.	R. Ebrington, Esq., Asst. Supe intendent of Telegraphs.
	Durbhunga .	26° 10′	86° 0′	166·32	Ditto . .	Levelled from B. M., quarter of a mile distant.	Supdg. Engr., Raj Durbhunga.

(a) Changed to 7,274·2 feet on the 10th April 1890.

TABLE I.—*Latitude, Longitude, and Elevation of the First and Second Class Meteorological Observatories*—continued.

PROVINCE.	STATION.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
BENGAL—*contd.*	False Point	20° 20′	86° 47′	20·60	Bar. cistern	By levelling	Major Rogers, in charge of the Levelling and Tidal Operations, Survey of India.
	Hazaribagh	24° 0′	85° 24′	2,007·12	Ditto	......	Asst. Engineer, P. W. Dept.
	Patna	25° 37′	85° 14′	182·84	Ditto	By levelling from the old position.	W. H. King, Esq., C.E.
	Saugor Island	21° 39′	88° 5′	25·3	Ditto	......	Telegraph Master.
	Darjeeling	27° 3′	88° 18′	7,421·1	Ditto	By spirit-level to G. T. Survey B. M.	Captain H. T. Harmand, R.E.
CENTRAL PROVINCES.	Hoshangabad	22° 45′	77° 46′	1,020	Barometer	By spirit-level from Itarsi Ry. Station, 11 miles.	Surgeon-Major R. Drury.
	Jubbulpore	23° 9′	79° 59′	1,327·02*a*	Bar. cistern	Levelled to G. T. Survey B. M. in Mr. Pratt's compound.	Ex. Engr., Jubbulpore Division.
	Khandwa	21° 49′	76° 23′	1,043·71	Barometer	From the former height.	Dr. P. Cullen, M.D.
	Nagpur	21° 9′	79° 11′	1,025	Bar. cistern	By spirit-level from G. T. Survey B. M., and Ry.	Dr. Townshend.
	Raipur	21° 15′	81° 41′	960	Ditto	By spirit-level from Nagpur, 175 miles.	Ditto.
BERAR	Akola	20° 42′	77° 4′	930	Barometer	By spirit-level to rails of Railway Station.	J. F. Pope, Esq.
CENTRAL INDIA	Nowgong	25° 2′	79° 29′	757·04	Bar. cistern	Levelled to G. T. Survey B. M., on Mhow Hills.	Ex. Engr., Bundelkhand Roads.
	Sutna	24° 34′	80° 52′	1,040·1	Barometer	By spirit-level to Railway Station.	Dr. S. J. Goldsmith.
RAJPUTANA.	Jeypore	26° 55′	75° 50′	1,430·6	Bar. cistern	Spirit-levelling to G. T. Survey B. M.	Agency Surgeon, C. R. S. Agency, Jeypore.
	Ajmir	26° 28′	74° 37′	1,611	Ditto	From the previous height.	S. A. Hill, Esq., B.S.C.
	Mount Abu	24° 36′	72° 45′	3,945	Ditto	......	F. Chambers, Esq.
BOMBAY	Bombay	18° 54′	72° 49′	37	Ditto	......	C. Chambers, Esq.
	Belgaum	15° 52′	74° 42′	2,524	Ditto	......	Surgeon-Major B. Buckland.
	Deesa	24° 16′	72° 14′	465·5	Ditto	Measured from G. T. Survey B. M.	N. Hennessy, Esq.
	Jacobabad	28° 24′	68° 18′	185·9	Ditto	......	F. Chambers, Esq.
	Karwar	14° 50′	74° 15′	43·87	Ditto	Levelled to G. T. Survey B. M.	W. J. Lister, Esq., Ex. Engr., Karwar.
	Kurrachee	24° 47′	67° 4′	49	Ditto	......	F. Chambers, Esq.
	Poona	18° 28′	74° 10′	1,840·37	Ditto	......	Ditto.
	Ratnagiri	17° 6′	73° 23′	110	Ditto	Levelled to B. M. on School of Industry.	C. Brereton, Esq.
	Sholapur	17° 41′	75° 56′	1,589·7	Ditto	Levelled to B. M., distant about 200 feet from the Mily. Hospital.	Mr. G. B. Dante, Overseer, P. W. D.
MADRAS, MYSORE, AND COORG.	Bellary	15° 9′	76° 57′	1,474·63	Ditto	......	Major S. Clarke, R.E.
	Cochin	9° 58′	76° 17′	11·03	Ditto	Levelled from mean sea-level.	P. W. Dept.
	Madras	13° 4′	80° 14′	22	Ditto	......	N. R. Pogson, Esq.
	Mercara	12° 26′	75° 48′	3,780·7*b*	Ditto	Levelled from G. T. Survey B. M., on Kumdonmoti Hill.	Ex. Engr., Coorg.
	Salem	11° 39′	78° 12′	939·91	Ditto	By spirit-level from G.T. Survey B. M.	District Engr., Salem.
	Secunderabad	17° 27′	78° 33′	17,86·69	Ditto	By spirit-level	Ex. Engr., Secunderabad.
	Trichinopoly	10° 50′	78° 44′	254·78	Ditto	By levelling	J. Grimes, Esq., Ex. Engr.
	Vizagapatam	17° 42′	83° 22′	31	Ditto	......	A. V. Nursing Rao, Esq.
	Wellington	11° 22′	76° 50′	6,200	Barometer	Reduced from Kumdanugi Peak.	Major Morant, R.E.
CEYLON	Colombo	6° 56′	79° 52′	40	Bar. cistern	By levelling	J. Stoddart, Esq.
	Jaffna	9° 40′	79° 56′	9	Ditto	Ditto	Col. A. B. Fyers, R.E.

(*a*) Erroneously given as 1,351 feet in the Annual Reports from 1875 to 1880 and 1,340·75 feet from 1881 to 1888.
(*b*) The elevation in the previous position at the Telegraph Office (*i.e.*, before 1st of January 1887) was 3,721·1 feet.

TABLE I.—*Latitude, Longitude, and Elevation of the First and Second Class Meteorological Observatories*—concluded.

Province.	Station.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
CEYLON—*contd.*	Trincomalee	8° 33′	81° 15′	75	Bar. cistern	By levelling	Lieut.-Colonel the Hon. F. C. H. Clarke, R.A., C.M.G., Surveyor General, Ceylon.
	Batticaloa	7° 43′	81° 44′	26	Ditto	......	Colonel A. B. Fyers, R.E.
	Hambantota	6° 7′	81° 7′	40	Ditto	......	Ditto.
	Galle	6° 1′	80° 14′	48	Ditto	By levelling	J. Stoddart, Esq.
	Kandy	7° 18′	80° 40′	1,696	Ditto	Ditto	Colonel A. B. Fyers, R.E.
	Newera Eliya	6° 46′	80° 47′	6,240	Ditto	Ditto	Ditto.
BURMA	Akyab	20° 28′	92° 57′	20·44	Ditto	Above half-tide level by spirit-level.	H. F. Blanford, Esq.
	Diamond Island	15° 52′	94° 19′	41	Ditto	Levelled to mean tide-level.	Mr. Luke, Asst. Supdt., E. T. D.
	Mergui	12° 11′	98° 38′	96·27	Ditto	Levelled to half the highest spring-tide.	Ex. Engr., Tenasserim Division.
	Rangoon	16° 46′	96° 12′	40·69	Ditto	Levelled to half-tide level.	Dr. A. Crombie.
BAY ISLANDS.	Port Blair	11° 41′	92° 42′	61·16	Ditto	By spirit-level to half-tide level.	Capt. de Wolski, R.E.

The following table (Table II) gives similar information for the third and fourth class observatories, the observations of which, with a few exceptions, are given in the India Daily Weather Report published by the Department :—

[*N. B.*—The elevations of the Baghdad, Cocos Island, Mussooree, Pedong, Fort Tregear, Lungleh, Shortt's Island, Ahmednagur, Bhavnagar, Mormugao, Veraval, Trivandrum, Bhamo, Kendat and Mandalay barometers have not yet been determined.]

TABLE II.—*Latitude, Longitude, and Elevation of the Third and Fourth Class Meteorological Observatories.*

Province.	Station.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
LAKHADIVES.	Amini Divi.	11° 6′	72° 48′	15 (?)	Barometer	Estimated	H. F. Blanford, Esq.
ASIATIC TURKEY.	Baghdad	33° 19′	44° 26′				
PERSIA	Bushire	28° 59′	50° 49′	25	Barometer	......	Colonel Ross.
NEPAL	Katmandu	27° 42′	85° 12′	4,387·8	Dispensary	......	C. E. R. Girdlestone, Esq., C.S., Resident in Nepal.
BAY ISLANDS	Cocos Island	14° 6′	93° 21′				
PUNJAB	Delhi	28° 40′	77° 16′	717·81	Bar. cistern	Levelled from B. M. Cabul Gate.	J. C. Sarkar, Ex. Engineer.
	Dera Ismail Khan.	32° 0′	71° 5′	572·56	Mercury of bar. cistern.	By spirit-level to G. T. Survey B. M.	Major Thorold.
	Khushab	32° 21′	72° 20′	611·5	Bar. cistern	By levelling to the rail of the station.	W. Pitt., Esq., Director, N. W. Railway.
	Montgomery	30° 42′	73° 8′	558·46	Ditto	Ditto	Ditto.
	Rawalpindi	33° 38′	73° 5′	1,648·9	Bar. cistern, Civil Dispensary.	Levelled from B. M. at the East Gate of the Church.	Ex. Engineer, Rawalpindi Division.
	Sialkot	32° 29′	74° 35′	829·47	Plinth of City Hospital.	Levelled 1 mile to bridge.	Major-General J. D. Campbell, R.E.
	Sirsa	29° 32′	75° 6′	661·61	Bar. cistern, Jail Dispensary room.	By spirit-level to G. T. Survey B. M.	Babu R. K. Mookerjee, Supervisor.

TABLE II.—*Latitude, Longitude, and Elevation of the Third and Fourth Class Meteorological Observatories*—continued.

PROVINCE.	STATION.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
PUNJAB—*contd.*	Chamba	32° 34′	76° 10′	3,004·7[a]	Top of mercury of bar. cistern.	Determined from the ground-level of the Chamba Survey Station.	Deputy Conservator of Forests.
	Kailang	32° 34′	77° 4′	10,087	Bar. cistern	By barometer from Leh and Simla one year.	H. F. Blanford, Esq.
N.-W. PROVINCES AND OUDH.	Bareilly	28° 21′	79° 27′	568·47	Mercury of bar. cistern.	Levelled from G. T. Survey B. M.	Commissioner, Robilkhand.
	Benares	25° 20′	83° 2′	266·97	Bottom of bar. cistern.	By spirit-level to G. T. Survey B. M.	Secy., P. W. D., N.-W. Provinces.
	Cawnpore	26° 26′	80° 25′	412	Barometer	Levelled from G. T. Survey B M.	Ex. Engineer, L. G. Canal Division, *Cawnpore*.
	Dehra	30° 20′	78° 8′	2,232·4	Mercury of bar. cistern.	G. T. Survey by spirit-level.	J. B. N. Hennessy, Esq.
	Ghazipore	25° 35′	83° 39′	219·74	Bar. cistern	By levelling from the B. M. at Collector's kachari.	Sub-divisional Officer, P. W. Dept.
	Gorakhpur	26° 46′	83° 18′	255·93	Ditto	Levelled from Trigonometrical level.	Government, N.-W. Provinces, P. W. D.
	Jhansi	25° 27′	78° 37′	840·13	Barometer	By levelling from I. M. Ry. B. M.	Ex. Engr., Jhansi Provincial Divn., P. W. D.
	Chakrata	30° 40′	77° 55′	7,051·58	Mercury of bar. cistern.	Levelled from G. T. Survey B. M.	Govt., N.-W. Provinces, P. W. Dept.
	Mussooree	30° 28′	78° 7′				
	Pithoragarh	29° 35′	80° 15′	5,363·2	Bar. cistern	Barometrically from two neighbouring hills, G. T. Survey heights.	S. A. Hill, Esq., B. SC.
BENGAL AND ASSAM	Arrah	25° 34′	84° 42′	190·02	Barometer	By levelling	P. W. Dept.
	Balasore	21° 30′	86° 58′	56·15	Bar. cistern at observatory.	Levelled to G. T. Survey B. M., at False Point.	Ex. Engr., Balasore Divn.
	Bankoora	23° 16′	87° 7′	300	Barometer	Estimated	Meteorological Reporter, Bengal.
	Bhagalpur	26° 10′	83° 52′	159·78	Bar. cistern	Levelled to G. T. Survey B. M., on Bhagalpur Church.	Ex. Engr., Bhagalpur.
	Bogra	24° 52′	89° 27′	61·48	Mercury in the bar. cistern.	By levelling from the nearest bench mark.	Ex. Engr., Rajshahye.
	Burrisal	21° 42′	90° 25′	12	Ground	......	Asst. Surveyor Genl.
	Buxar	25° 34′	84° 1′	239·22	The fiducial point of the barometer.	......	Ex. Engr., Buxar Divn.
	Chupra	25° 47′	84° 47′	193	Barometer	Estimated	Meteorological Reporter, Bengal.
	Chybassa	22° 33′	85° 51′	760	Ditto	Ditto.	Ditto.
	Comillah	23° 28′	91° 14′	34·75	Mercury of bar. cistern.	By levelling	Ex. Engr., Comillah Divn.
	Dehree	24° 55′	84° 13′	351·14	Bar. cistern in dispensary.	Levelled to G. T. Survey B. M., at Ry. Station.	Asst. Surgeon, Dehree.
	Dinagepore	25° 38′	88° 41′	117·59	Bar. cistern	Levelled to G. T. Survey B. M.	Ex. Engr., Jalpaiguri Divn.
	Fort Tregear	...	...	?			
	Furreedpore	23° 36′	89° 52′	39	Barometer	Estimated	Meteorological Reporter, Bengal.
	Gya	24° 42′	85° 2′	374·5	Bar. cistern	By spirit-level from G. T. Survey B. M., on the Mohar Hill.	Supdg. Engr., Sone Circle.
	Jessore	23° 9′	89° 13′	33·29	Ditto	By spirit-level to B. M., on 73rd milestone from Calcutta.	Babu Nobo Gopal Dutt.
	Jalpaiguri	26° 32′	88° 46′	283·7	Ditto	Levelled to G. T. Survey B. M.	Ex. Engr., Jalpaiguri Divn.
	Krishnaghur	23° 23′	88° 38′	46·64	Bottom of bar. cistern.	Deduced from B. M. on the top of the circuit-house.	Ex. Engr., Nuddea Divn.
	Lungleh	...	...	?			
	Maldah	24° 58′	88° 17′	80	Barometer	Estimated	Meteorological Reporter, Bengal.
	Midnapore	22° 16′	87° 22′	148·88	Bar. cistern at the Ex. Engineer's Office.	Levelled to Survey B.M.	Ex. Engr.
	Motihari	26° 40′	84° 57′	223·61	Bar. cistern	By spirit-levelling from G. T. Survey B. M.	Sub-Overseer, P. W. D.
	Mozufferpore	26° 7′	85° 30′	178·42	Bar. cistern	By levelling	Sub-Divisional Officer, Mozufferpore.
	Mymensingh	24° 45′	90° 27′	55·18	Barometer	......	Meteorological Reporter, Bengal.

(*a*) The barometer was removed to a new building on the 21st July 1890. The Deputy Conservator of Forests, Chamba Division, states that the difference of elevation in the former and the present positions is very small.

TABLE II.—*Latitude, Longitude, and Elevation of the Third and Fourth Class Meteorological Observatories*—continued.

PROVINCE.	STATION.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
BENGAL AND ASSAM —*concld.*	Noakholly	22° 48′	91° 6′	42·73	Bar. cistern	Levelled to B. M., Chitagong Railway Survey.	Overseer, Noakholly.
	Nya-Doomka	24° 16′	87° 18′	489·03	Barometer	By levelling from the 3rd pillar on the Doomka side of the flag station at Kumrabad.	District Engr., Doomka.
	Pedong	27° 9′	88° 40′				
	Pooree	19° 48′	85° 53′	11·99	Mercury of bar. cistern.	Determined from mean tide mark.	Collector of Pooree.
	Purneah	25° 50′	87° 34′	125	Bar. cistern	By spirit-level to Church	Dr. Picachy.
	Rampur Bauleah.	24° 22′	88° 39′	70·18	Barometer	By levelling	Ex. Exgr., Rajshahye Div.
	Ranchi	23° 23′	85° 22′	2,128·14	Bar. cistern	Levelled to G. T. Survey B. M., on the doorway of the Lutheran Church at Ranchi.	Overseer, P. W. D.
	Raniganj	25° 52′	87° 58′	333	Ditto	Barometrically	Meteorological Reporter to the Govt. of Bengal.
	Rungpore	25° 45′	89° 18′	123	Ditto	Levelled to G. T. Survey B. M.	Ex. Engr., Jalpaiguri Divn.
	Serajgunj	24° 27′	89° 47′	46·37	Bottom of bar. cistern.	By levelling from G. T. Survey B. M. on the banks of the Ichamattee, 5 miles from the station.	Supdg. Engr., Eastern Circle.
	Shortt's Island	20° 47′	86° 50′	?			
	Calcutta (Chowringhee).	22° 33′	88° 21′	18			
	Demagiri	22° 48′	92° 15′				
	Tura	25° 30′	90° 17′				
CENTRAL PROVINCES	Chanda	19° 56′	79° 19′	634	Bar. cistern at Police Hospital.	Barometrically from the neighbouring stations.	J. Eliot, Esq.
	Sambalpur	21° 31′	84° 1′	463	Bar. cistern	Determined from the former height.	Honorary Surgeon-Major J. E. Harrison.
	Saugor	23° 49′	78° 48′	1,761·8	Ditto	Levelled from Revenue B. M.	Ex. Engr., Saugor.
				(a) 1,761·5	Ditto	By levelling from previous site.	P. W. Dept.
	Seoni	22° 6′	79° 33′	2,030	Ditto	By spirit-level from G. T. Survey B. M.	Dr. Townshend.
	Sironcha	18° 51′	80° 0′	401·29	Ditto	Levelled from G. T. Survey B. M.	Ex. Engr., Nagpur Division.
	Pachmarhi	22° 28′	78° 28′	3,511	Barometer	By measurement from the former height.	Surgeon-Major R. Drury.
BERAR	Amraoti	20° 55′	77° 43′	1,215·5	Ditto	By spirit-levels to rails at Badnera Station.	F. Chambers, Esq.
	Buldana	20° 34′	76° 14′	2,131·76	Ditto	By spirit-level to rails at Mulkapur Station.	Ditto.
	Chikalda	21° 24′	77° 22′	3,642·4	Bar. cistern	......	E. Litchfield, Esq., Deputy Conservator of Forests, Berar.
	Makhla	21° 32′	77° 28′				
CENTRAL INDIA.	Indore	22° 44′	75° 53′	1,823·2	Bar. cistern	From the former height	Meteorological Observer.
	Neemuch	24° 25′	75° 0′	1,630	Ditto	......	E. T. Master.
	Sehore	23° 10′	77° 7′	1,610	Ditto	Levelled to G. T. Survey B. M., close to Station house.	Agency Surgeon, Sehore.
RAJPUTANA	Bikanir	27° 59′	73° 14′	743·5	Ditto	Ground-level by G. T. Survey.	F. Chambers, Esq.
	Pachpadra	25° 55′	72° 18′	380	Ditto	By barometer	H. F. Blanford, Esq.
	Sambhar	26° 55′	75° 14′	1,253·52	Ditto	......	S. A. Hill, Esq., B.Sc.
BOMBAY	Ahmednagar	19° 6′	74° 48′	2,151·62			
	Bhavnagar	21° 47′	72° 12′	?			
	Bhuj	23° 15′	69° 42′	394·9	Ditto	Determined from the previous height.	Lieut. S. Hutchinson.
	Goa	15° 21′	73° 56′	23			

(a) Since 18th June 1889.

TABLE II.—*Latitude, Longitude, and Elevation of the Third and Fourth Class Meteorological Observatories*—concluded.

PROVINCE.	STATION.	Latitude, North.	Longitude, East.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
BOMBAY—*contd.*	Hyderabad	25° 25′	68° 27′	117·18	Bar. cistern	From B. M. on Futeli Bridge.	Surgeon-Major H. W. Tetham.
	Malegaon	20° 34′	74° 22′	1,430·12	Ditto	By spirit-level to B. M., distant 8,620 feet from the observatory.	A. T. Anderson, Esq., Ex. Engr., Northern Divn.
	Mormugao	15° 24′	73° 51′	?			
	Rajkot	22° 17′	70° 52′	428·83	Ditto	Determined from G. T. Survey B. M.	R. B. Booth, Esq., Agency Engr.
	Surat	21° 13′	72° 46′	36	Ditto	......	F. Chambers, Esq.
	Veraval	20° 54′	70° 26′	?			
MADRAS	Bangalore	12° 59′	77° 38′	2,981·46	Ditto	By spirit-level to G. T. Survey B. M., near the observatory.	Col. Moberly, Dist. Engr., Bangalore.
	Calicut	11° 15′	75° 49′	26·58	Ditto	......	F. Chambers, Esq.
	Coconada	16° 55′	82° 15′	26	Bar. cistern	Determined from G. T. Survey B. M., near south-east corner of Marine Office.	Port Officer, Coconada.
	Coimbatore	11° 0′	77° 0′	1,347·64	Ditto	From rail-level at Coimbatore Station.	Col. C. Wilkinson, R.E.
	Cuddalore	11° 37′	79° 52′	12·44	Mercury of bar. cistern.	......	E. T. Master, Cuddalore.
	Cuddapah	14° 26′	78° 51′	433·36	Bar. cistern	By spirit-level from B. M. at the Ex. Engr.'s Office.	Meteorological Reporter, Madras.
	Gopalpur	19° 20′	85° 0′	21·45	Ditto	......	Port Officer, Gopalpur.
	Kurnool	15° 50′	78° 6′	923·45	Ditto	......	Asst. Engr., Upper Sub-Divn., Kurnool.
	Madura	9° 55′	78° 10′	446·60	Ditto	......	W. Hughes, Esq., Ex. Engr., Madura Divn.
	Madras (Port Office).	13° 4′	80° 14′	47·5	Ditto	......	Port Officer, Madras.
	Mangalore	12° 52′	74° 54′	25·60	Ditto	......	R. P. Lemon, Esq., Sub-Divnl. Officer.
	Masulipatam	16° 9′	81° 12′	10·16	Barometer	Levelled from half-tide level.	Lieut. D. Campbell, R.E.
	Negapatam	10° 46′	79° 53′	15	Ditto	By spirit-level to high water mark, half-tide estimated.	Supdt., Meteorological Observatory, Negapatam.
	Nellore	14° 28′	80° 5′	70·82	Mercury surface of barometer.	......	Supervisor, Nellore Taluq.
	Rajahmundry	16° 58′	81° 50′	112	Bar. cistern	......	Meteorological Reporter, Madras.
	Trivandrum	8° 30′	77° 0′	?			
BURMA	Bassein	16° 47′	94° 50′	20·9	Bar. cistern	By levelling	P. W. Dept.
	Bhamo	24° 12′	96° 58′				
	Kendat	23° 36′	94° 46′				
	Mandalay	21° 59′	96° 8′				
	Moulmein	16° 29′	97° 40′	93·79	Bar. cistern	Levelled to G. T. Survey B. M., on Oozina Hill.	Ex. Engr., Tenasserim Divn.
	Tavoy	14° 4′	98° 18′	26·26	Bottom of bar. cistern.	Determined from G. T. Survey B. M., 67 feet east end of the Court-house roof.	Supdg., Engr., 1st Circle, P. W. Dept.
	Thyetmyo	19° 22′	95° 12′	134	Bar. cistern	Levelled to highest flood of the Irrawaddy.	Lieut. R. O. Lloyd, R.E.
	Toungoo	18° 57′	96° 24′	181·1	Ditto	......	Maurice Smith, Esq., Civil Surgeon, Toungoo.

METEOROLOGY OF 1890.

The meteorology of the year is described under the following heads:—

1. TEMPERATURE OF SOLAR RADIATION.
2. DURATION AND AMOUNT OF BRIGHT SUNSHINE.
3. TEMPERATURE OF NOCTURNAL RADIATION.
4. TEMPERATURE OF THE GROUND.
5. TEMPERATURE OF THE AIR.
6. ATMOSPHERIC PRESSURE.
7. WINDS.
8. AQUEOUS VAPOUR PRESSURE AND HUMIDITY.
9. CLOUD AMOUNT.
10. RAINFALL.
11. GENERAL SUMMARY.

The average distribution of pressure and temperature and the mean wind direction for each month of the year 1890 are exhibited in the twelve small charts given in Plates II to IV, and the tracks of the storms originating in the Bay of Bengal and the Arabian Sea are shown in Plate V.

Appendix A contains tables giving abstracts of the observations at all stations arranged in the same order that is adopted in the discussion of the meteorology of the year. The solar and nocturnal radiation tables, which were formerly given, are omitted in the present report.

In Appendix B are given complete series of daily observations taken at the seven stations—Calcutta, Lucknow, Allahabad, Lahore, Nagpur, Bombay, and Madras during the year 1890.

In Appendix C are given the total hourly movement of wind recorded by Beckley's anemograph at Lucknow and Nagpur, during the year 1889.

SOLAR RADIATION.

It was stated in last year's report that the number of observatories recording observations of solar radiation thermometers had been very largely reduced in consequence of the unsatisfactory character of these observations. During the year 1890 each of the 25 observatories recording these observations was provided with three carefully compared instruments of different ages, and the observers were instructed to take the observations as accurately as possible. The results of the three instruments, exposed under identical conditions at these stations, are, in the great majority of cases, so widely discrepant as to show that the instrument, from defects in its construction, cannot, at least under the conditions of its employment in India, be relied upon to give consistent and reliable results.

It has hence been decided to discontinue these observations from January 1891, except at first class observatories, where it will perhaps be possible to introduce some more satisfactory instrument and ascertain the best conditions for its exposure and observation, after which its use may be extended to the second class or to selected observatories.

The monthly means and results for the year 1890, deduced from the readings of the oldest thermometer at each station, are given in the two following statements for record and comparison with the corresponding data of previous years :—

TABLE III.—*Average excess of Insolation over the corresponding maximum Shade Temperatures.*

STATION.	No. of years observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . .	12—14	60·5	65·5	64·4	65·4	64·9	63·1	64·9	65·1	64·5	61·2	59·0	59·1	63·1
Simla . .	3—6	59·7	65·5	63·0	63·9	61·4	60·9	50·9	52·7	61·9	64·0	60·8	59·1	60·3
Lahore . .	6	53·1	62·4	63·1	63·4	59·3	55·7	58·3	61·6	59·0	58·5	56·6	54·9	58·8
Ludhiana . .	8—10	49·3	54·7	57·3	58·2	55·1	52·5	54·0	55·7	55·0	53·9	52·1	49·4	53·9
Jeypore . .	10	53·9	58·0	59·6	59·4	57·9	57·6	57·5	58·5	58·0	55·7	53·4	52·5	56·8
Mount Abu .	9—10	61·8	62·5	62·9	61·4	57·6	57·7	52·1	52·4	60·1	60·4	60·0	60·3	59·1
Ranikhet . .	12—14	58·4	62·4	64·3	63·9	63·0	62·0	58·9	61·0	66·2	64·0	62·1	59·3	62·1
Roorkee . . .	11—12	53·8	58·0	57·5	57·0	54·8	53·3	56·7	57·6	56·1	56·1	55·7	54·9	56·0
Lucknow, . .	12—15	58·9	61·4	61·1	58·7	57·6	57·4	56·8	59·9	61·1	58·4	58·1	58·1	59·0
Allahabad .	15	56·6	60·0	59·6	57·3	57·2	57·8	58·9	61·3	58·7	56·4	55·4	56·9	58·0
Hazaribagh .	4—5	55·9	59·3	60·0	59·9	60·3	62·2	63·6	64·3	63·9	63·5	59·1	57·7	60·8
Darjeeling .	5—8	53·6	59·7	66·5	63·5	59·3	56·1	57·1	57·3	54·6	60·5	60·4	56·0	58·7
Calcutta (Alipore)	13—14	53·7	56·0	56·0	56·4	58·1	54·7	56·6	56·0	56·7	56·6	54·2	53·1	55·7
Saugor Island .	8—10	59·8	59·0	58·0	58·6	56·9	52·7	52·9	52·1	55·3	57·0	59·0	59·1	56·7
Dhubri . .	3—4	49·1	51·8	53·6	54·9	58·9	54·9	63·4	59·2	55·6	51·8	49·4	47·0	54·1
Sibsagar . .	8—10	54·8	54·1	53·7	53·4	56·5	57·2	56·2	56·5	58·0	60·2	59·6	56·6	56·4
Nagpur . .	10—12	57·3	58·0	58·0	58·7	58·1	56·1	52·8	58·5	62·6	61·8	59·4	57·8	58·3
Deesa . .	12—13	53·2	55·6	55·6	54·2	51·1	53·7	54·8	55·0	56·2	52·5	51·5	52·0	53·8
Bombay . .	14—15	56·1	57·5	56·5	56·8	56·1	50·2	45·8	51·3	55·4	56·0	55·4	55·4	54·4
Poona . .	10—12	53·5	54·0	54·1	53·2	50·2	51·9	51·0	55·4	59·0	57·6	54·5	54·1	54·0
Madras . .	4	56·1	55·8	54·4	52·0	48·2	44·8	44·0	47·1	51·4	49·7	52·9	52·6	50·8
Wellington .	8—9	58·7	58·2	56·0	55·1	54·8	51·8	49·3	53·0	56·9	56·6	55·0	53·6	54·9
Rangoon . .	12—14	58·5	57·3	57·1	57·9	57·7	55·9	54·0	55·0	60·4	61·6	58·9	59·3	57·8
Leh . .	7—8	59·0	65·0	64·9	65·9	64·1	59·7	55·3	56·5	57·0	58·9	57·2	56·9	60·0
Aden . .	5—9	53·6	53·9	53·0	50·1	47·7	45·9	45·7	46·6	51·7	52·7	51·6	52·9	50·5

TABLE IV.—*Comparison of excess Sun over Shade Temperatures in 1890, with the averages of Table III.*

STATION.	No. of years instrument, the observations of which are utilized for this comparison, has been in use.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	3	+0·5	−4·3	−1·5	−2·4	−1·4	−3·2	+1·3	−4·5	?	?	+2·4	+0·9	?
Simla	1	−1·1	−0·4	−1·6	+1·0	?	+5·4	−3·5	0	−0·9	−3·0	−3·7	−8·8	?
Lahore	5	+1·0	−2·6	−0·2	−2·3	−3·9	−4·2	−2·2	−3·9	−1·9	−1·7	−2·8	−5·9	−2·6
Ludhiana	3	−4·4	−3·7	−4·7	−4·7	−5·3	−3·0	−3·4	−7·8	−4·7	−3·8	−2·6	−4·8	−4·4
Jeypore	?	−0·2	−2·9	−0·6	−1·3	−1·7	−2·8	−2·4	+2·6	−0·9	−0·2	−0·5	−0·4	−1·0
Mount Abu	7	?	−8·3	−5·0	−9·9	−10·4	−9·1	−9·3	−9·5	−7·2	−7·2	−6·6	−8·8	?
Ranikhet	10	−26·3	−19·2	−9·8	+1·9	+2·7	+1·8	−0·2	−3·8	+1·0	+1·0	−1·4	−4·7	−4·8
Roorkee	12	−1·9	−2·1	−1·3	−1·0	−2·2	−0·7	+0·1	−2·5	−4·2	−1·8	−1·2	−1·7	−1·7
Lucknow	3	−4·6	−2·9	+0·3	+0·3	−1·8	−5·9	−5·6	−0·4	−3·8	−2·3	−3·4	−3·8	−2·8
Allahabad	15	+2·1	+0·3	+2·8	+0·8	+0·7	−3·5	−4·8	−1·4	−2·7	+2·4	+3·1	+0·5	0
Hazaribagh	3	+3·8	+1·0	+0·7	+1·6	+0·5	−3·8	−4·6	+2·5	−0·1	+1·6	+3·1	+3·7	+0·8
Darjeeling	9	−17·3	−9·8	−11·1	−7·3	−5·0	−3·9	−5·9	−2·5	−4·1	−14·0	−6·0	−8·6	−8·0
Calcutta (Alipore)	8	+0·3	−2·3	−1·2	−1·8	−3·1	−0·8	+1·7	+1·5	+0·8	−4·1	+2·8	+0·2	−0·5
Saugor Island	14	−1·4	−1·2	−0·3	−1·8	−7·5	−2·4	−5·2	−0·9	0	−2·7	−1·0	−1·3	−2·1
Dhubri	4	−4·0	−4·8	−1·4	−1·3	−1·5	+1·0	−3·2	−3·3	−3·9	−3·7	−0·7	−1·4	−2·4
Sibsagar	3	+3·5	−0·8	+0·5	+1·5	−1·6	+0·8	−0·2	−9·3	−0·2	−1·8	−0·4	−1·7	−0·8
Nagpur	2 & 1	−1·4	−2·7	+3·3	+0·8	−0·7	−1·6	−0·8	+2·0	+3·0	+1·2	−0·9	−0·4	+0·2
Deesa	4	−2·0	−2·1	−0·4	−3·0	−2·3	−1·3	−4·2	+0·3	−1·2	−2·2	−5·6	−1·7	−2·1
Bombay	6	−4·4	−5·5	−2·6	−4·2	+2·6	−3·3	−1·9	−1·6	−2·8	−5·0	−7·1	−7·2	−4·0
Poona	4	+0·7	+0·8	+1·9	+0·6	+0·6	+1·6	+1·9	+0·2	+0·4	+4·0	+1·0	+2·9	+1·4
Madras	?	−1·3	−0·9	+0·7	−2·7	−2·0	−3·7	−2·0	−1·2	−0·6	+0·7	−0·9	+1·3	−1·1
Wellington	9	−6·8	−6·5	−5·3	−4·0	+0·7	−5·4	−0·4	−5·8	−4·6	−3·9	−2·9	−4·1	−4·1
Rangoon	10 & 5	−1·2	−1·1	−1·9	−1·6	−4·2	−1·9	−0·8	−2·5	+1·6	−2·7	+1·8	−5·3	−1·7
Leh	14	−2·8	−6·4	−2·0	−3·4	−3·6	−1·6	−0·4	−0·6	+1·4	−0·9	−0·2	−3·9	−2·0
Aden	1	+3·0	+1·0	+1·4	+0·3	−0·4	−1·0	?	?	?	+3·5	+4·1	+3·0	?

DURATION OF BRIGHT SUNSHINE.

The registration of the *duration of bright sunshine* is effected by means of the sunshine recorder—an instrument originally devised and first employed by Mr. Campbell of Islay, subsequently modified in such a manner as to furnish a trace capable of ready measurement, and finally improved to its present form by Professor G. Stokes and Mr. Whipple. It consists of a spherical glass lens, mounted on a brass support, which also carries a curved brass plate fixed beneath the sphere, of such curvature and at such a distance from the spherical surface that the focal point, to which the sun's rays converge, travels across the surface of the plate between sunrise and sunset. A slip of card, with printed divisions, corresponding to the hours, is inserted in grooves to the brass plate. As the radiant focus moves along the card, it burns a line which is either continuous or interrupted, according to the state of the sky, and the measurement of which is a record of the time during which the sun shone with sufficient intensity to burn the surface of the card. The instrument is in use at Allahabad, Calcutta, Jeypore, Lahore, Nagpur and Dehra. The traces are measured to tenths of an hour, but in summing the daily totals for each month, residual decimals are omitted, and in Table I (Appendix) the totals are given to integral hours only.

Table I (Appendix A) gives the data of the six recording stations for each month of 1890. In the first column the sums of the measured traces are given, in the second the total number of hours that the sun was above the horizon, and in the third the ratio of the first to the second as a percentage. Table V (below) gives the averages of the registers at Lahore, Dehra, Allahabad, Calcutta, Nagpur and Jeypore; Table VI a comparison of the monthly totals of 1890 with the averages of Table V, and Table VII the monthly means of the excess of the sun-thermometer over the maximum in shade-thermometer at the same stations *for the same periods* for comparison with the previous results:—

TABLE V.—*Average monthly total duration of bright sunshine.*

STATION.	......	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	Average total hours of bright sunshine.	5—6	202	206	244	269	282	172	198	248	305	300	266	230	2,922
	Total hours of sun above horizon	...	318	307	368	385	422	419	428	407	367	350	313	311	4,395
	Average percentage ratio of actual to possible sunshine.	...	64	67	66	70	67	41	46	61	83	86	85	74	66
Jeypore	Average total hours of bright sunshine.	6—7	241	251	269	267	272	198	137	124	244	281	286	269	2,839
	Total hours of sun above horizon	...	326	311	368	380	412	408	418	401	365	352	321	320	4,382
	Average percentage ratio of actual to possible sunshine.	...	74	81	73	70	66	49	33	31	67	80	89	84	85
Dehra	Average total hours of bright sunshine.	8—9	151	178	202	212	208	155	95	108	182	250	230	197	2,168
	Total hours of sun above horizon	...	321	308	368	383	419	416	424	405	366	351	316	315	4,392
	Average percentage ratio of actual to possible sunshine.	...	47	58	55	55	50	37	22	27	50	71	73	63	49
Allahabad	Average total hours of bright sunshine.	8	262	274	297	299	296	198	148	147	227	290	292	272	3,002
	Total hours of sun above horizon	...	329	312	368	379	410	407	416	400	366	354	324	324	4,389
	Average percentage ratio of actual to possible sunshine.	...	80	88	81	79	72	49	36	37	62	82	90	84	68
Calcutta	Average total hours of bright sunshine.	8	269	265	276	277	266	133	115	116	142	238	240	261	2,598
	Total hours of sun above horizon	...	337	318	371	379	408	403	413	398	367	359	331	333	4,417
	Average percentage ratio of actual to possible sunshine.	...	80	83	74	73	65	33	28	29	39	67	73	78	59
Nagpur	Average total hours of bright sunshine.	3	?	?	?	?	?	?	?	103	193	266	255	271	?
	Total hours of sun above horizon	...	339	317	370	375	403	397	406	393	363	358	331	334	4,386
	Average percentage ratio of actual to possible sunshine.	...	?	?	?	?	?	?	?	27	53	74	77	81	?

TABLE VI.—*Comparison of monthly total duration of bright sunshine in 1890, with the averages of Table V.*

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	+35	+ 6	− 3	−30	−25	−16	− 7	−41	− 2	− 5	−63	−67	−18
Jeypore	+29	− 4	−45	+ 7	−41	−65	−27	+37	− 8	+ 9	− 5	−21	−11
Dehra	+43	+ 2	+ 1	+ 3	−23	−12	−13	0	+10	+19	−17	−43	− 3
Allahabad . . .	+26	− 2	−34	− 8	−31	−48	−48	− 5	−29	+39	− 1	+12	−11
Calcutta . . .	+ 5	−17	−30	−37	−26	−31	−42	+ 6	−11	−29	+14	+ 9	−16

TABLE VII.—*Average excess of Insolation Temperatures and their Differences of 1890.*

STATION.	......	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore .	Average.	5·6	55·1	62·0	62·7	62·7	58·6	55·0	58·2	61·0	58·8	58·7	56·8	54·9	58·7
	Difference	...	−1·0	−2·2	+0·2	−1·6	−3·2	−3·5	−2·1	−3·3	−1·7	−1·9	−3·0	−5·9	−2·4
Jeypore.	Average.	6·7	53·3	57·9	59·3	59·3	58·0	57·5	58·1	57·4	57·3	55·6	52·7	52·0	56·5
	Difference	...	+0·4	−2·8	−0·3	−1·2	−1·8	−2·7	−3·0	+3·2	−0·2	−0·1	+0·2	+0·1	−0·7
Allahabad.	Average	8	56·2	59·5	59·5	57·4	57·1	57·2	57·0	59·1	58·7	56·8	57·4	56·8	57·7
	Difference	...	+2·5	+0·8	+2·9	+0·7	+0·8	−2·9	−2·9	+0·8	−2·7	+2·0	+1·1	+0·6	+0·3
Calcutta	Average.	8	52·8	55·6	55·6	55·4	58·2	55·7	56·9	57·5	57·1	56·5	52·8	52·0	55·5
	Difference	...	+1·2	−1·9	−0·8	−0·8	−3·2	−1·8	+1·4	0	+0·4	−4·0	+4·2	+1·3	−0·3

NOCTURNAL RADIATION.

The observations of the terrestrial radiation themometers in India are nearly as unsatisfactory as those of the solar radiation thermometers. This is chiefly due to the fact that the column is peculiarly liable to break under the conditions of exposure in India, and a small portion of the spirit to lodge in the upper end of the tube. Observers occasionally failed to notice this defect for months; this hence introduced errors into the observations for which it was in no way possible to apply corrections. The instruments have hence been withdrawn from use at all, except the first class, observatories from January 1891 Observations of the terrestrial radiation thermometer were made during the year 1890 at the following stations only:—

Aden.
Leh.
Murree.
Rawalpindi.
Lahore.
Ludhiana.
Simla.
Mussooree.
Roorkee.
Ranikhet.
Lucknow.
Allahabad.
Hazaribagh.
Calcutta (Alipore).
Saugor Island.
Dhubri.
Sibsagar.
Nagpur.
Pachmarhi.
Jeypore.
Mount Abu.
Deesa.
Bombay.
Poona.
Vizagapatam.
Madras.
Wellington.
Coimbatore.
Rangoon.

[*N.B.*—The averages in this table are derived from the observations of the same years that furnish the data for the averages of Table V. Hence, the averages and differences differ to some extent from those given for the same stations in Tables III and IV.]

At most stations in Northern India the thermometers (which are spirit thermometers, with large spherical or cylindrical bulbs) were laid on a thick pad of common country blanket, in order to obtain approximate uniformity of exposure with regard to the sky and earth.

Table VIII below gives the averages of past years for 24 out of the 29 stations at which observations were taken in 1890, and Table IX the variations of the corresponding averages in 1890 from those normal averages :—

TABLE VIII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures.*

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . .	10—14	10·9	10·2	10·0	9·5	10·2	9·1	4·7	4·7	10·3	13·6	14·3	12·4	10·0
Lahore . . .	13—14	9·5	9·2	8·7	8·7	8·4	5·3	3·1	3·4	5·6	8·7	9·6	8·7	7·4
Ludhiana . .	9—13	10·1	9·7	9·2	8·9	8·5	7·1	3·8	3·8	6·0	10·1	11·5	10·5	8·3
Jeypore . .	9—10	9·8	10·3	9·7	9·6	7·6	4·6	2·6	2·8	5·6	9·4	11·2	10·7	7·8
Mount Abu . .	9—13	16·5	12·7	13·4	11·7	7·5	3·3	1·9	1·9	5·9	13·4	17·9	17·3	10·3
Ranikhet . .	12—13	13·6	13·3	12·6	14·8	12·7	8·4	4·5	5·1	7·7	14·5	16·2	16·5	11·7
Roorkee . .	12—14	7·2	7·3	7·5	8·5	6·6	4·0	2·2	2·5	4·1	7·0	8·1	7·5	6·1
Lucknow . .	13—14	8·7	8·7	8·6	9·2	6·2	4·0	2·3	2·4	3·6	7·2	9·6	9·6	6·7
Allahabad . .	14	11·4	12·3	13·1	12·4	9·3	5·3	3·4	2·8	3·9	8·9	12·6	12·1	9·0
Hazaribagh . .	10—13	9·9	9·6	8·8	8·3	5·4	2·8	1·6	1·7	2·6	7·0	10·2	10·3	6·5
Calcutta (Alipore) .	13—14	9·2	8·8	7·2	5·4	3·7	2·4	2·1	2·2	2·9	5·3	8·1	9·7	5·6
Saugor Island .	8—10	9·3	9·1	6·8	5·4	4·4	3·4	3·1	3·0	3·7	5·2	7·3	9·0	5·8
Dhubri . .	7—10	7·4	8·2	6·6	4·4	2·9	1·6	2·0	2·1	2·5	4·9	6·6	7·0	4·7
Sibsagar . .	9—13	5·2	5·4	5·1	5·0	5·0	4·6	3·7	3·5	3·5	4·3	5·5	5·9	4·7
Nagpur . .	11—14	13·4	13·5	12·6	12·1	10·5	4·5	2·9	3·8	4·8	8·9	12·1	14·2	9·4
Deesa . . .	10—13	8·9	9·5	9·7	10·0	7·1	3·2	2·2	2·9	5·2	8·1	8·8	8·7	7·0
Bombay . .	16	10·1	9·3	8·0	6·7	4·8	2·8	2·2	2·4	3·3	6·4	9·5	11·1	6·4
Poona . .	7—10	13·2	13·5	13·6	11·8	9·5	5·1	3·9	4·4	4·9	7·6	11·2	10·7	9·1
Vizagapatam .	3—4	11·8	12·3	10·1	7·5	6·4	6·3	5·5	5·9	6·3	7·1	7.7	10·8	8·2
Madras . .	4	3·9	3·7	2·8	2·2	1·2	1·4	1·5	1·3	1·5	1·8	2·1	2·6	2·2
Wellington . .	4	8·6	8·9	7·9	6·5	6·7	4·6	4·6	5·0	5·1	4·7	6·1	6·3	6·3
Rangoon . .	8—12	7·4	6·8	5·4	4·5	3·7	2·4	2·4	2·5	3·6	3·7	5·1	6·0	4·5
Leh . . .	11—12	11·8	10·4	11·6	11·4	10·8	11·5	11·0	11·0	12·9	15·1	16·0	13·7	12·3
Aden . . .	8—11	3·1	2·5	2·8	2·9	2·8	2·9	2·1	2·0	3·4	3·9	4·3	3·5	3·0

TABLE IX.—*Comparison of Mean Monthly Depression of Nocturnal Radiation Temperatures in 1890, with the averages of Table VIII.*

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	−5·1	−1·9	−3·9	−4·0	−4·0	−3·9	−4·3	−2·5	−5·4	−5·1	−8·8	−10·1	−4·9
Lahore	−1·1	−0·2	−1·1	−1·8	−1·7	−1·1	−0·8	−0·5	+0·8	−0·5	−0·6	− 2·3	−0·9
Ludhiana	+3·6	+5·0	+1·7	+2·2	+2·0	−1·9	−1·1	+0·8	−0·6	−4·0	−1·5	− 2·2	+0·3
Jeypore	+1·9	+2·0	−1·8	−0·8	0	−0·2	+0·4	+1·1	+0·9	−0·2	+0·3	− 0·5	+0·3
Mount Abu	?	−4·5	−8·3	−6·4	−3·9	−2·6	?	?	?	?	?	?	?
Ranikhet	+0·8	−0·6	−2·1	+2·7	?	?	−2·7	−2·5	−0·2	?	?	?	?
Roorkee	−0·7	−0·5	−1·3	−1·9	−1·5	−1·5	−1·3	−0·4	−0·1	−0·7	−1·3	− 2·8	−1·2
Lucknow	+0·1	+0·1	−0·3	−0·2	−0·8	−1·6	−0·6	−0·1	−0·6	−2·6	−2·2	− 2·9	−1·0
Allahabad	−1·2	−1·9	−4·0	−1·8	−1·7	−2·4	−2·0	−1·1	−0·7	−2·5	−1·8	− 2·5	−2·0
Hazaribagh	+1·2	+2·3	+0·6	+1·0	+0·9	0	+0·3	+0·1	+0·8	+0·3	+1·7	+ 0·8	+0·8
Calcutta (Alipore)	−1·4	−1·1	−2·1	−1·3	−1·0	−0·9	−1·0	−0·9	−1·3	−2·4	−1·3	− 2·1	−1·4
Saugor Island	+0·9	+0·4	−0·5	−0·7	−0·7	−0·2	−0·4	+0·5	+0·3	−0·3	+0·8	0	0
Dhubri	−1·4	−0·1	+1·1	−0·8	−0·9	−1·0	−1·4	−1·2	−0·8	−1·4	− ·2	?	?
Sibsagar	+1·5	+1·5	+0·8	+1·3	+1·0	−1·7	−1·0	−0·1	+1·0	+1·8	+1·3	+ 1·0	+0·7
Nagpur	+1·1	+0·4	−2·7	−2·2	−0·8	−0·8	0	−0·5	−0·6	+0·8	−0·6	− 4·1	−0·8
Deesa	−0·5	−1·5	−2·7	−0·5	+0·2	+0·9	+1·7	+1·9	+2·9	?	?	?	?
Bombay	+3·7	+3·2	+0·4	+1·9	+1·7	+0·1	+0·1	+0·5	+1·3	+2·2	+1·6	+ 0·6	+1·4
Poona	+3·4	+2·7	+2·0	?	?	?	?	?	?	?	?	?	?
Vizagapatam	−0·7	−1·2	−2·1	−1·2	+0·6	+0·8	−0·5	−0·1	+0·2	+1·0	+1·4	− 0·2	−0·2
Madras	−1·0	−0·7	−1·0	−0·4	−0·7	−0·3	−0·2	−0·2	0	−0·1	−0·3	0	−0·4
Wellington	−0·2	+0·2	−0·4	+0·9	+0·4	+0·4	+1·1	0	+0·5	+1·8	+1·1	+ 3·0	+0·7
Rangoon	−3·3	−2·8	−1·2	−2·0	−1·3	−0·7	−0·4	−0·8	?	−2·8	−3·4	− 2·9	?
Leh	+2·5	+1·9	+2·5	+1·0	+0·4	+0·5	−1·6	−1·4	−0·2	+2·6	+2·0	− 1·3	+0·7
Aden	−0·9	−1·4	−1·3	−2·4	−0·2	−1·2	−1·6	−1·6	−1·2	+2·2	+1·8	+ 0·5	−0·6

TEMPERATURE OF THE GROUND.

Observations of the temperature of the ground were recorded during the year 1890 at five stations—Calcutta, Allahabad, Dehra, Lahore and Jeypore.

The thermometers used for the purpose are verified standard mercurial thermometers with attached scales of porcelain, the scale being engraved also on the tube. At Alipore (Calcutta), with the exception of the thermometer at 6 feet, and at Allahabad with the exception of the thermometer at 9 feet, they are read three times daily at equal intervals of eight hours; at Lahore, with the exception of the thermometer at 6 feet, and Jeypore with the exception of the thermometers at 10, 20 and 45·6 feet, they are read four times daily at intervals of six hours, and at Dehra once daily, *viz.*, at 3 P.M.

The thermometers below the surface have their bulbs protected with a pointed copper shoe which rests on the ground at the bottom of a wooden tube, inserted to the specified depth and projecting 6 inches above the surface, the upper end being closed by a cap of metal or wood. Those at depths of 3 and 6 feet are attached to the lower end of a stout wooden bar of about half the diameter of the tube. Those at one foot have a brass ring attached to the top of the wooden frame by which they are lifted; and in all these the lower part of the frame around the bulb has been cut away, and the lower end fitted with the copper shoe abovementioned.

Table II (Appendix A) gives the monthly means of the readings at the hours of observation and of the daily averages in 1890. In the case of Dehra the former only are available.

The mean results for Calcutta in Table X (below) show that the surface of the ground is, on the average, 2·8° hotter than the air. They also indicate that the temperature increases 1·6° in passing from the ground surface to a depth of 6 feet. This, as has been pointed out in the previous reports, can only be attributed to the existence of an abnormal source of heat at some moderate depth below the ground surface, and is probably that of the decomposing organic matter with which certain beds in the alluvium are charged.

At Allahabad the ground surface is on the average 2·3° hotter than the air. The average temperature decreases 1·6° down to a depth of 1 foot, and then increases 1·2° to a depth of 3 feet.

At Jeypore (where the soil on which the instrument is placed is almost pure sand) the surface is as much as 7·0° hotter than the air on the average of the whole year. In May the difference reaches the large amount of 10·8°. The mean temperature decreases to a depth of 1 foot and then slowly increases.

At Lahore the surface soil, which is similar to that of Jeypore, is on the average 7·3° hotter than the air. The temperature decreases through a depth of 1 foot, and thence increases slowly to a depth of 6 feet deep.

TABLE X.—*Average Monthly Mean Temperatures of the Ground and of the Air.*

STATION.	......	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	Air . .	22—24	51·9	56·6	67·8	79·1	86·5	91·0	88·0	86·4	83·5	74·2	62·0	52·9	73·3
	Surface .	5—6	51·4	58·1	74·8	90·0	100·4	103·5	99·9	98·7	97·3	79·0	61·3	53·1	80·6
	1 foot deep .	5—6	58·2	60·2	71·0	81·6	89·4	93·8	94·7	93·6	92·8	83·0	70·5	62·0	79·2
	3 feet „ .	5—6	63·1	62·8	70·4	79·0	86·3	90·9	92·8	92·2	92·2	85·6	75·5	67·6	79·9
	6 „ „ .	5—6	71·8	69·4	71·0	75·1	80·1	84·4	87·1	88·1	88·6	86·9	81·9	76·2	80·1
Jeypore	Air . .	21—22	58·7	63·1	74·8	84·6	90·3	90·7	83·8	81·3	82·0	76·0	67·5	59·9	76·1
	Surface	9—10	62·3	69·7	83·1	94·1	101·1	99·5	89·7	87·6	91·4	85·2	70·9	62·3	83·1
	4 inches deep	9—10	62·2	68·1	80·6	90·6	97·1	96·1	87·3	85·5	88·4	84·9	72·5	63·3	81·4
	1 foot deep .	9—10	62·2	65·6	77·2	86·3	93·4	94·4	87·0	85·1	86·8	83·0	72·1	63·6	79·7

TABLE X.—*Average Monthly Mean Temperatures of the Ground and of the Air*—continued.

STATION.	......	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jeypore—*contd.*	3 feet deep	9—10	67·0	67·1	74·1	81·1	86·8	90·0	87·3	85·1	85·8	84·5	77·3	70·5	79·7
	10 „ „	8—10	75·2	73·1	73·4	76·2	79·9	83·2	84·8	84·3	84·2	84·3	82·4	78·8	80·0
	20 „ „	9	80·0	78·7	77·6	77·5	78·3	79·6	80·8	81·7	82·2	82·4	82·4	81·7	80·2
	45·6 „ „	3	81·2	81·2	81·3	81·3	81·3	81·3	81·2	81·2	81·2	81·2	81·2	81·3	81·2
Dehra	Air	24—25	55·0	57·8	67·2	77·0	82·4	84·6	79·7	78·4	77·1	70·8	62·6	56·4	70·8
	1·1 foot deep	9—10	57·5	58·8	68·2	79·1	85·5	88·1	83·9	82·6	81·8	76·2	67·4	60·2	74·1
	3·2 feet „	3—4	63·2	61·7	68·3	76·9	83·5	85·6	83·3	81·9	81·4	77·8	72·2	66·3	75·2
	6·4 „ „	3—4	68·4	65·9	67·8	72·3	77·7	81·1	81·8	81·6	81·4	79·7	76·3	71·9	75·5
	12·8 „ „	3—4	74·7	72·4	71·3	71·7	73·5	75·7	77·7	79·7	80·3	79·9	78·8	77·0	76·1
	25·6 „ „	3—4	76·4	75·6	75·1	74·5	74·1	74·1	74·5	76·2	77·0	77·1	77·1	76·8	75·7
Allahabad	Air	23—24	60·5	65·4	78·3	87·6	91·9	90·9	84·5	83·3	83·1	78·7	69·0	60·7	77·8
	Surface	10—11	60·1	65·3	81·1	91·0	100·3	98·1	86·6	86·0	86·0	81·1	66·8	58·2	80·1
	1 foot deep	10—11	60·5	64·7	75·1	84·7	93·1	94·2	87·0	85·9	85·3	80·0	69·7	62·3	78·5
	3 feet „	10—11	65·9	67·5	73·6	81·6	88·3	91·9	87·9	86·3	85·7	82·9	76·0	69·3	79·7
Calcutta (Alipore)	Air	13—14	65·2	69·8	79·4	84·8	85·1	84·7	83·0	82·4	82·3	79·9	72·3	65·2	77·8
	Surface	12—13	64·1	70·1	82·6	90·8	90·7	88·3	86·5	86·1	86·1	83·1	73·4	64·8	80·6
	1 foot deep	10—11	68·1	70·9	79·2	86·5	88·4	87·8	86·4	85·8	85·6	83·6	76·8	69·4	80·7
	3 feet „	12—13	72·1	73·4	78·7	84·7	87·3	87·6	86·7	86·2	86·1	85·2	80·9	74·9	82·0
	6 „ „	5—7	77·3	76·2	77·5	80·9	83·7	85·3	85·4	85·4	85·3	85·2	83·6	80·4	82·2

TABLE XI.—*Comparison of the Monthly Mean Temperatures of the ground in 1890, with the averages of Table X.*

STATION.	......	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	Surface	+0·7	−0·4	−3·9	−3·0	−0·1	+0·2	−2·3	−3·7	+0·4	−0·2	−1·2	+0·4	−1·1
	1 foot deep	+1·0	+0·6	−2·5	−1·7	−1·1	+0·1	−2·0	−3·4	−0·6	+0·5	−0·6	−0·3	−0·8
	3 feet „	+0·9	+0·8	−1·5	−1·2	−1·4	+0·1	−1·4	−2·9	−1·0	0	−1·1	−0·5	−0·8
	6 „ „	+0·1	+0·4	−0·3	−0·4	−0·7	0	−0·2	−1·3	−0·8	−0·2	−0·7	−0·6	+0·4
Jeypore	Surface	+3·1	+1·6	−2·6	+1·5	+0·4	−2·0	−0·9	+0·9	+1·6	+0·5	+2·8	+3·1	+0·8
	4 inches deep	+1·2	+2·0	−3·0	+0·3	+0·9	−0·9	−1·0	+1·0	+3·4	+1·0	+0·5	+0·5	+0·5
	1 foot „	+1·6	+2·9	−0·9	+1·7	+1·9	−0·2	−1·0	+0·6	+2·5	+1·2	+1·0	+1·5	+1·1
	3 feet „	+1·7	+2·2	+0·3	+2·2	+1·7	+1·1	−0·7	+0·2	+2·2	+1·2	+0·2	+1·3	+1·1
	10 „ „	−0·6	0	+0·9	+2·4	+3·0	+3·3	+1·4	+0·8	+2·0	+1·7	−0·1	−0·7	+1·2
	20 „ „	+1·3	+1·6	+1·9	+1·6	+1·0	+0·5	+0·3	+0·1	−0·1	−0·1	+0·2	−0·5	+0·7
	45·6 „	+0·1	+0·2	+0·1	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·2	+0·3	+0·2	+0·2

TABLE XI.—*Comparison of the Monthly Mean Temperatures of the ground in 1890, with the averages of Table X*—continued.

STATION.	......	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Dehra . . .	1·1 foot deep .	+1·3	+3·7	+0·4	+2·0	+3·2	+1·5	—0·5	—1·1	—1·1	—1·3	—0·7	—0·9	+0·5
	3·2 feet „ .	+1·6	+3·2	+0·9	+1·0	+0·5	+1·0	+0·1	—0·8	0	—0·3	—1·2	—0·7	+0·4
	6·4 „ „ .	+1·3	+2·3	+1·8	+1·3	+1·0	+1·2	+0·5	—0·2	+0·1	—0·1	—0·4	—0·2	+0·7
	12·8 „ „ .	+0·7	+1·4	+1·7	+1·3	+1·1	+1·0	+0·7	+0·8	+0·2	+0·1	0	—0·1	+0·7
	25·6 „ „ .	+0·4	+0·7	+0·6	+0·7	+0·7	+0·7	+0·7	+1·5	+0·8	+0·3	+0·2	+0·2	+0·6
Allahabad . .	Surface . .	—1·0	+1·0	—0·2	+1·4	+0·1	—2·6	—3·3	—2·3	—2·4	—4·0	—1·0	+2·7	—1·0
	1 foot deep .	+2·4	+2·0	+2·1	+2·1	+0·6	—1·2	—2·5	—1·2	—0·3	—0·4	+0·5	+3·3	+0·6
	3 feet „ .	+1·6	+0·9	+1·8	+1·9	+1·2	—0·6	—2·8	—1·4	—0·4	—0·9	—0·7	+1·9	+0·2
Calcutta (Alipore) .	Surface . .	+0·2	+0·5	+0·4	+1·6	+1·4	—1·1	—0·2	+0·2	—0·1	—0·8	—0·8	0	+0·1
	1 foot deep .	+0·5	+0·4	+1·8	+2·2	+2·2	—0·8	—0·5	+0·5	+0·4	—1·0	—0·6	+0·4	+0·5
	3 feet „ .	+0·3	—0·4	+1·1	+1·7	+1·7	—0·4	—0·3	+0·3	+0·6	—0·9	—0·6	—0·1	+0·2
	6 „ „ .	+0·2	0	+0·5	+0·9	+1·0	+0·3	—0·2	0	+0·3	—0·3	—0·2	—0·1	+0·2

TEMPERATURE OF THE AIR.

The temperature data utilized in the present report are obtained by observations taken at 10 and 16 hours daily at 90 stations in India. These observations include the actual temperature of the air at these hours and also the readings of the maximum and minimum thermometers. The mean temperature of the day is calculated by means of the formula

$$\frac{\text{Max.}^{m} + 16\text{H.} + 2\ \text{Min}^{m}.}{4}$$

by applying a constant correction for each month, derived from the observations of the same or of a neighbouring station, except in the case of the following:—Aden, Zanzibar, Quetta, Katmandu, Darjeeling, Pedong, Mercara, Wellington, Kandy, Newera Eliya and Mergui (for all of which the crude means without correction are given) and Vizagapatam and Madras. For Vizagapatam the means of four daily observations at 4, 10, 16 and 22 hours are given, and for Madras the means as given in the registers sent by the Government Astronomer.

At certain first class stations additional observations of temperature are taken, but these are not utilized in the present report, except in the case of Vizagapatam, as explained above. It should be noted that at Vizagapatam the shade thermometers are in a portico with a boarded floor. The thermometers are hence exposed in such a manner as to make the method of determining the mean temperature stated above inapplicable to that station.

The methods of exposure of the instruments employed to register the temperature of the air were described in page 37 of the Annual Report for 1887 and need not be repeated. All the thermometers at observatories in India have been verified at Calcutta, Bombay or Madras by comparison with Kew standard thermometers. Those in use in Ceylon have been verified at Colombo by comparison with a standard thermometer tested at the Greenwich Observatory. All thermometer readings are corrected to their true values, and are hence strictly comparable.

Table III (Appendix A) gives the monthly and annual means and extreme temperatures at 90 observatories. The registers of the following stations are more or less incomplete for various reasons :—

Durbhunga.
Tura.
Pedong.
Kandy.
Hambantota.
Diamond Island.
Katmandu.
Zanzibar.

The tabulated data are the means of each hour of observation and of the maximum and minimum temperatures respectively the extreme temperatures of each month and of the whole year; the mean daily and the extreme monthly and annual ranges, and the mean temperatures of each month of the year.

Table IV in Appendix A gives the data from which the isotherms of each month in Plates II to IV have been drawn. They are the adopted sea-level equivalents of the mean monthly temperatures of all stations named in Table III and at a lower elevation than 3,000 feet. The reduction to sea-level has been made by adding 1° temperature for every 450 feet of elevation.

Table XII (below) gives the average temperature for each month and for the whole year of all the first and second class observing stations, the records of which furnish data for four years or upwards. They are derived from the registers of past years and are computed by the same methods as are employed to obtain the means of Table III (Appendix A), so that in every case the corresponding means in Tables XII (below) and III (Appendix A) are comparable.

Table XIII (below) shows the variations of the mean temperature of each station for each month in the year 1890 from the corresponding normal values—

TABLE XII.—*Average Monthly Mean Temperatures of 87 stations in India, Ceylon, &c.*

METEOROLOGICAL AREA.	STATION.	No. of years' observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PUNJAB ..	Murree . .	20—21	39·4	39·5	50·1	58·4	66·5	72·8	69·0	66·9	65·5	59·3	50·6	44·3	56·9
	Chamba . .	6—7	48·5	50·4	60·6	69·5	75·0	80·1	78·1	76·0	73·0	65·2	56·2	50·5	65·3
	Kailang . .	7—8	22·2	20·7	29·6	40·3	47·3	55·0	61·5	60·6	53·9	42·4	33·4	24·7	41·0
	Simla . .	16—19	41·0	41·6	50·9	59·7	64·7	68·1	65·0	63·7	61·8	56·6	50·1	45·7	55·7
	Peshawar . .	14—15	49·6	52·3	63·2	72·3	82·4	89·6	89·6	87·3	81·8	70·9	58·0	50·6	70·6
	Lahore . .	22—24	51·9	56·6	67·8	79·1	86·5	91·0	88·0	86·4	83·5	74·2	62·0	52·9	73·3
	Ludhiana .	21—23	52·6	57·6	68·8	80·4	87·1	91·4	86·5	86·1	83·6	75·2	62·6	54·5	73·9
	Mooltan . .	20—22	54·0	58·4	71·0	81·4	90·0	94·1	91·9	89·7	87·0	77·2	65·1	56·1	76·3

TABLE XII.—*Average Monthly Mean Temperatures of 87 stations in India, Ceylon, &c.*—contd.

MATEOROLOGICAL AREA.	STATION.	No. of years' observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
SIND	Jacobabad	12—14	56·7	61·9	75·0	85·1	93·3	96·8	94·5	91·4	88·3	78·2	64·9	57·8	78·7
	Kurrachee	15—16	65·2	68·2	75·5	79·2	83·9	86·9	83·9	81·9	81·4	79·5	73·8	67·0	77·2
RAJPUTANA	Jeypore	21—22	58·7	63·1	74·8	84·6	90·3	90·7	83·8	81·3	82·0	76·0	67·5	59·9	76·1
	Ajmere	24	57·6	61·7	73·2	83·9	89·6	88·3	81·9	79·7	81·6	75·0	65·5	59·0	74·8
	Mt. Abu	11—14	57·9	60·6	69·5	75·9	79·5	75·5	69·5	67·7	69·4	70·8	64·6	59·7	68·4
N.-W. PROV., OUDH, & BUNDELKHAND.	Chakrata	22—23	41·8	42·7	51·5	59·7	64·5	67·3	64·5	63·4	61·7	56·8	50·7	45·8	55·9
	Ranikhet	20—21	46·2	47·5	56·7	64·7	67·5	70·8	68·1	66·9	65·6	60·9	54·1	49·5	59·9
	Pithoragarh	9—10	48·5	50·4	59·4	67·0	69·5	72·5	71·8	70·5	69·4	64·0	57·0	52·5	62·7
	Dehra	24—25	55·0	57·8	67·2	77·0	82·4	84·6	79·7	78·4	77·1	70·8	62·6	56·4	70·8
	Roorkee	28	55·9	60·1	69·9	81·2	87·6	90·4	84·6	83·3	82·0	74·2	63·9	56·6	74·1
	Meerut	23—25	56·1	61·0	71·5	82·3	88·2	91·1	85·4	84·0	82·9	75·7	64·8	57·2	75·0
	Agra	27—28	58·8	64·3	75·0	86·5	92·7	94·6	86·9	85·0	83·4	77·8	67·7	61·0	77·8
	Lucknow	24—25	60·9	65·5	76·5	87·4	90·8	91·6	85·6	84·9	83·9	77·8	67·8	59·7	77·7
	Allâhabad	23—25	60·5	65·4	78·3	87·6	91·9	90·9	84·5	83·3	83·1	78·7	69·0	60·7	77·8
	Ghazipur	6—9	59·4	63·6	76·9	87·0	89·6	87·6	83·8	82·6	82·9	78·2	68·0	60·7	76·7
	Nowgong	13—14	60·4	64·9	77·2	87·3	93·2	91·4	82·6	81·8	81·9	76·9	66·4	59·9	77·0
	Sutna	14—15	60·1	64·5	76·6	86·5	91·1	89·4	81·4	80·6	80·3	75·5	66·0	59·7	76·0
BEHAR	Durbhunga	12—15	62·1	64·7	76·1	84·5	84·5	84·6	83·9	82·8	82·7	79·4	71·5	63·8	76·7
	Patna	22—23	60·5	65·1	77·2	86·6	87·2	87·2	84·2	83·6	83·5	79·2	70·3	62·4	77·3
CHUTIA NAGPUR.	Hazaribagh	22—23	60·8	65·6	75·5	84·0	85·2	82·2	78·2	77·2	76·9	73·3	66·7	60·4	73·8
BENGAL	Darjeeling	22—23	39·2	40·7	48·3	53·7	55·9	59·8	61·0	60·6	58·5	54·5	47·5	41·9	51·8
	Pedong	4—6	48·0	49·5	58·6	62·5	65·0	68·3	69·2	68·6	67·2	63·2	55·9	50·7	60·6
	Berhampore	23	64·7	68·6	78·7	86·2	86·1	84·8	83·4	83·2	83·0	80·6	73·2	65·9	78·2
	Burdwan	7—18	66·0	70·3	81·0	87·2	86·0	85·3	83·9	83·4	83·5	81·3	73·5	66·8	79·0
	Calcutta (Alipore).	13—14	65·2	69·8	79·4	84·8	85·1	84·7	83·0	82·4	82·3	79·9	72·3	65·2	77·8
	Saugor Island	22—23	67·1	72·1	79·6	83·4	85·1	84·8	82·8	82·4	82·6	80·0	73·4	66·5	78·3
	Dacca	21—23	66·0	69·9	78·5	82·3	82·6	83·1	83·2	82·7	82·9	80·3	74·5	67·5	77·8
	Chittagong	22—23	66·1	70·1	76·8	80·5	81·1	80·5	80·0	79·7	80·5	79·1	74·0	67·4	76·3
	Demagiri	10—12	63·6	65·0	73·3	78·7	80·0	80·1	79·6	79·4	79·7	78·6	73·6	66·4	74·8
ASSAM	Dhubri	9—10	62·2	64·5	74·6	78·2	77·6	79·3	81·6	80·6	79·1	77·9	70·1	64·5	74·2
	Sibsagar	17	57·8	61·1	67·6	73·1	77·3	81·5	83·2	82·5	80·8	76·2	67·6	58·7	72·3
	Silchar	21—22	63·3	66·9	73·4	77·7	79·5	81·6	82·2	82·4	81·5	79·1	72·6	65·7	75·5
ORISSA	False Point	11—13	68·1	72.0	78·0	82·0	83·7	84·0	81·8	81·5	81·8	79·8	73·0	66·6	77·7
	Cuttack	23	70·8	75·5	82·0	86·5	87·7	85·8	82·5	82·6	82·5	80·7	74·6	69·4	80·1
CENTRAL PROVINCES.	Sambalpur	18—20	67·2	82·4	81·8	89·0	93·0	87·2	81·1	81·5	82·3	80·2	73·0	66·4	80·4

TABLE XII.—*Average Monthly Mean Temperatures of 87 stations in India, Ceylon, &c.*—contd.

METEOROLOGICAL AREA.	STATION.	No. of years' observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
CENTRAL PROVINCES - *concld.*	Raipur	21—22	66·8	71·8	82·0	89·9	93·5	85·7	79·6	80·0	80·5	78·6	71·6	65·6	78·8
	Khandwa	14—16	66·7	71·1	81·2	89·3	92·4	86·9	79·7	78·4	79·1	76·7	70·1	64·9	78·0
	Hoshangabad	21—22	65·7	70·3	80·6	89·4	93·1	87·7	79·5	78·4	79·6	76·9	70·5	65·5	78·1
	Jubbulpore	21—22	61·6	66·2	76·9	86·2	90·9	86·9	79·1	78·0	78·6	73·9	66·4	60·7	75·5
	Nagpur	21—22	68·2	73·8	83·6	90·3	94·2	85·8	80·0	80·3	80·4	78·7	72·4	66·7	79·5
	Chanda	19—21	68·2	74·3	83·9	91·2	94·3	86·6	80·8	80·9	80·5	78·5	71·9	66·1	79·8
	Sironcha	13—15	70·8	78·0	87·0	93·2	95·0	87·0	81·4	81·2	81·4	80·9	75·2	69·1	81·7
BERAR	Chikalda	14—15	62·3	67·8	77·6	82·9	82·8	75·4	69·8	67·7	69·0	69·8	66·6	63·0	71·2
	Buldana	16—17	68·4	73·4	82·4	88·0	88·7	80·6	76·2	75·4	75·7	76·5	72·0	67·2	77·0
	Akola	17—18	67·9	72·9	82·9	90·3	93·7	85·5	80·2	79·6	79·8	78·0	72·0	65·9	79·1
	Makhla	11—12	64·3	69·1	78·7	84·8	86·3	76·6	71·5	71·0	71·4	72·2	67·7	63·5	73·1
BOMBAY	Deesa	16	67·5	70·4	80·8	87·3	91·1	90·0	83·8	81·5	81·8	80·6	73·7	68·0	79·7
	Bombay	44	73·1	75·1	78·8	82·6	84·7	83·2	80·9	79·9	79·7	81·1	79·0	75·9	79·5
	Poona	15—16	69·0	73·0	79·8	84·6	84·4	79·3	75·0	73·6	74·4	75·8	72·2	68·4	75·8
	Sholapur	13—14	71·8	78·0	84·2	88·8	89·2	81·6	77·9	78·2	77·6	77·0	73·6	70·5	79·0
	Ratnagiri	14	75·1	76·0	79·7	82·4	84·3	80·9	79·6	78·8	78·6	79·8	78·6	76·5	79·2
	Karwar	12—13	75·3	76·5	80·2	82·7	83·8	79·7	78·5	77·8	77·7	78·2	77·2	75·6	78·6
	Belgaum	15—16	69·9	72·8	77·2	79·3	77·6	72·4	70·1	69·6	70·4	72·2	70·7	69·3	72·6
HYDERABAD	Secunderabad	20—21	70·9	77·1	82·9	87·8	89·3	81·7	76·9	77·4	77·2	76·5	72·4	69·4	78·3
MADRAS AND MYSORE.	Vizagapatam	21	75·7	78·9	83·3	86·3	88·0	87·6	85·1	85·4	85·0	83·3	79·1	75·2	82·7
	Bellary	20—21	73·2	79·6	85·8	89·4	88·6	82·8	80·6	81·0	80·1	78·7	75·2	72·3	80·6
	Madras	31	75·5	77·1	80·8	84·8	87·2	87·2	85·3	84·2	83·8	81·1	78·2	76·0	81·8
	Salem	20—21	74·2	77·3	81·7	86·0	84·6	82·4	80·6	79·6	79·1	77·9	75·8	75·0	79·5
	Mercara	9—10	65·3	68·5	71·5	72·9	71·5	66·6	64·9	65·5	66·0	67·6	66·6	65·2	67·7
	Trichinopoly	20—21	75·5	78·0	83·2	87·0	87·2	86·6	85·4	83·8	82·9	80·3	78·3	76·1	82·0
	Cochin	19—20	78·6	80·7	83·2	84·3	82·6	79·3	78·5	78·7	78·9	79·5	79·7	79·0	80·3
	Wellington	17—19	55·1	57·9	62·2	64·9	65·8	63·8	63·2	62·6	62·1	60·8	58·5	56·1	61·1
CEYLON	Newera Eliya	19—20	55·6	55·6	56·8	58·5	59·9	58·3	57·2	57·1	57·4	57·4	57·2	57·1	57·3
	Kandy	18—20	73·3	74·9	77·2	77·7	77·6	76·1	75·3	75·4	74·8	75·0	74·3	74·3	75·5
	Jaffna	18	76·1	77·8	81·6	84·5	84·2	83·3	82·9	82·1	81·3	80·4	77·6	76·0	80·7
	Trincomalee	16—18	77·6	79·3	81·4	83·5	84·2	84·3	84·4	83·1	82·9	80·9	78·7	77·3	81·5
	Batticaloa	19—21	76·3	78·2	80·0	82·1	83·2	83·3	83·3	82·2	81·8	80·7	78·1	76·5	80·4
	Galle	19—20	77·1	79·2	80·8	81·5	81·4	80·4	80·1	79·8	79·6	79·1	78·4	77·4	79·6
	Colombo	19—20	77·9	79·7	81·3	82·1	82·0	80·9	80·8	80·3	80·3	79·5	78·7	77·9	80·1
	Hambantota	20—21	77·0	78·4	80·2	81·6	80·7	80·3	80·5	79·8	79·3	79·2	77·8	77·6	79·3

TABLE XII.—*Average Monthly Mean Temperatures of 87 stations in India, Ceylon, &c.*—concld.

METEOROLOGICAL AREA.	STATION.	No. of years' observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BURMA .	Akyab . .	21—23	70·2	72·3	78·1	82·8	83·3	81·3	80·0	80·3	81·5	81·5	78·1	72·4	78.5
	Diamond Island	11—13	75·8	76·6	78·6	82·0	83·1	79·2	78·3	78·5	78·7	79·7	79·0	77·0	78·9
	Rangoon . .	14—15	73·8	76·0	80·2	84·5	83·0	79·3	78·1	78·3	78·7	79·7	78·0	75·5	78·8
	Mergui . .	13—14	76·8	79·2	81·0	81·7	80·5	77·8	77·2	77·4	77·3	78·3	77·8	76·7	78·5
BAY ISLANDS .	Port Blair .	22—23	79·4	79·7	81·3	83·7	82·2	80·8	80·2	79·9	79·5	80·1	80·5	76·2	80·3
EXTRA-INDIA	Quetta . .	12—13	40·2	41·4	51·1	58·9	66·7	74·4	78·2	75·5	66·9	55·9	46·8	42·1	58·2
	Leh . .	15—20	18·7	22·3	32·4	42·8	47·5	55·4	61·4	60·9	53·2	42·1	32·3	24·3	41·1
	Katmandu .	10—12	50·6	52·8	61·4	66·4	70·3	75·1	76·0	75·5	73·9	67·6	58·7	52·5	65·1
	Aden . .	8—11	75·9	76·8	79·1	82·7	85·8	87·6	85·9	85·0	87·0	82·8	78·5	76·6	82·0

TABLE XIII.—*Comparison of Monthly Mean Air Temperatures in 1890, with the averages of Table XII.*

METEOROLOGICAL AREA.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
PUNJAB .	Murree . .	+5·1	+3·9	−2·5	−0·6	+0·9	+0·2	−4·6	−3·3	−1·5	−2·3	−4·2	−7·4	−1·4
	Chamba . .	+4·7	+4·4	−1·2	+2·4	+4·0	+1·5	−0·9	−1·3	−0·3	−0·5	+0·2	−1·5	+1·0
	Kailang . .	+6·6	+5·0	−2·6	+1·1	+1·2	+2·1	+0·3	−0·5	−1·2	+0·7	+1·3	−0·1	+1·2
	Simla . . .	+4·9	+4·5	−2·3	+0·8	?	−0·1	−1·1	−1·5	−0·8	−0·2	+1·0	−1·7	?
	Peshawar . .	+3·2	+4·0	−1·2	+1·7	+1·5	+2·4	0	−2·9	+1·2	0	+0·6	+0·5	+0·9
	Lahore . . .	+3·5	+2·2	−1·0	+1·2	+2·2	+0·4	−2·4	−3·3	+0·8	+0·1	−1·0	+0·8	+0·3
	Ludhiana . .	+3·4	+2·8	−0·9	+1·9	+3·2	−0·5	−1·3	−2·6	+1·1	−0·7	−0·2	+0·8	+0·6
	Mooltan . .	+4·4	+4·1	+0·2	+3·3	+3·4	+2·7	+1·3	−1·8	+1·9	+2·5	+0·1	−0·2	+1·8
SIND .	Jacobabad . .	+2·7	+2·0	−0·7	+2·0	+2·2	+2·8	−0·4	−2·2	+0·3	+1·0	+0·5	−1·1	+0·8
	Kurrachee . .	+2·4	+2·4	+0·6	+0·8	−1·0	+0·9	+0·4	−1·8	−0·7	−0·2	+1·5	−2·5	+0·2
RAJPUTANA .	Jeypore . .	+2·7	+2·9	−0·4	+1·7	+2·2	−0·6	−1·5	−0·8	+0·5	+0·7	+0·8	+1·0	+0·8
	Ajmere . .	+3·6	+4·5	+2·3	+3·7	+2·1	+1·4	−0·2	+0·2	+2·1	+3·2	+2·2	+1·8	+2·2
	Mount Abu . .	?	+2·8	−2·6	+0·7	−0·6	−1·2	−1·8	−2·3	−0·5	−0·1	+1·0	−1·0	?
N.-W.-PROVINCES, OUDH & BUNDELKHAND.	Chakrata . .	+4·8	+4·7	−1·2	+1·7	+1·3	+0·1	−0·6	−0·8	−1·0	−0·7	+0·4	−1·2	+0·6
	Ranikhet . .	+2·3	+2·7	−4·1	+0·3	−1·8	−4·6	−1·1	−1·1	−1·1	−0·8	+0·7	−0·1	−0·7
	Pithoragarh .	+3·5	+4·1	−1·0	+3·4	+2·1	−0·6	−1·1	−0·7	+0·3	−1·1	+0·6	−0·2	+0·8
	Dehra . . .	+1·9	+2·9	−0·6	+2·2	+1·4	−0·9	−2·5	−2·0	−1·8	−1·0	−0·6	+0·4	−0·1
	Roorkee . .	+1·6	+1·5	−0·4	+1·2	+1·3	−1·4	−2·1	−1·5	−1·7	−0·5	−0·9	+0·8	−0·2
	Meerut . . .	+2·3	+1·6	−1·0	+1·1	+0·6	−2·3	−2·1	−1·5	−1·3	−0·9	−1·0	+0·8	−0·3

TABLE XIII.—*Comparison of Monthly Mean Air Temperatures in 1890, with the averages of Table XII*—continued.

METEOROLOGICAL AREA.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N.-W.-PROVINCES, OUDH & BUNDELKHAND—*concld.*	Agra	+3·4	+2·6	+0·8	+2·3	+3·7	−1·4	−2·6	−1·3	+1·0	+0·4	+0·8	+2·1	+1·0
	Lucknow	+1·5	+0·3	−0·3	+0·1	+1·6	−2·3	−3·6	−1·2	−0·9	−1·3	−1·3	+1·6	−0·5
	Allahabad	+0·3	+0·9	−1·2	+0·4	+1·1	−1·4	−2·6	−1·0	−0·8	−1·8	−2·7	+1·4	−0·6
	Ghazipur	+1·4	+2·5	+0·6	+0·8	+0·8	−0·7	−1·8	−0·4	−0·4	−0·7	?	+2·5	?
	Nowgong	0	+1·3	−0·5	−0·6	+1·4	−0·9	−2·9	−1·6	−1·2	−1·9	−1·0	+1·9	−0·5
	Sutna	0	+2·2	+0·4	−0·1	+1·2	−2·7	−2·8	−1·5	−1·8	−1·7	−0·6	+2·6	−0·4
BEHAR	Durbhunga	+2·2	?	?	?	?	?	−2·0	−1·6	−0·4	−1·2	−1·5	+0·3	?
	Patna	+2·4	+2·4	+1·6	+0·7	−0·2	−1·8	−2·3	−1·7	−1·0	−1·3	−1·4	+0·7	−0·2
CHUTIA NAGPUR	Hazaribagh	+0·9	+2·6	+0·9	+1·8	+1·4	−0·4	−1·6	−1·0	+0·2	−0·8	−0·5	+1·6	+0·4
BENGAL	Darjeeling	+2·9	+4·7	+0·6	+1·1	+0·5	−0·4	−0·6	−0·9	−0·7	+3·0	−0·2	−1·7	+0·7
	Pedong	?	?	?	?	?	?	?	?	+0·2	0	0	+0·8	?
	Berhampore	+0·7	+0·8	+1·3	−0·8	−0·9	−1·5	−2·0	−1·4	−0·9	−2·0	−1·4	−0·2	−0·7
	Burdwan	+1·0	+0·7	+0·5	0	+1·7	−1·7	−1·0	−0·4	−0·6	−1·2	−1·2	+0·3	−0·2
	Calcutta (Alipore)	+0·7	+1·1	+1·2	+0·3	+0·7	−1·2	−0·8	−0·7	−0·6	−1·3	−1·3	+1·2	−0·1
	Saugor Island	+0·3	+0·3	+0·3	+0·9	+0·4	0	−0·4	+0·1	+0·4	−0·6	−1·1	+2·0	+0·2
	Dacca	+1·7	+1·0	+0·6	−0·7	−0·9	−1·1	−2·0	−1·1	+0·8	−0·4	−1·2	−0·2	−0·3
	Chittagong	+1·8	+0·6	+1·6	+0·4	+1·2	+0·7	?	−1·4	+0·6	+0·6	?	+1·3	?
	Demagiri	+2·5	−1·4	−1·4	−3·0	−0·2	+1·3	−0·1	+0·1	+0·6	+0·5	−1·2	−0·3	−0·2
ASSAM	Dhubri	+1·0	+2·9	+1·2	−0·7	+0·6	−1·7	−1·5	−1·4	−1·0	−1·8	−1·4	−0·7	−0·4
	Sibsagar	+2·4	+2·5	−0·7	+1·5	+1·7	−0·7	−1·1	−1·0	−1·0	−0·1	−1·1	−0·6	+0·2
	Silchar	+2·8	+2·4	+0·2	−0·2	+0·5	−0·9	−0·8	−1·2	−0·2	+0·3	−1·5	−1·1	0
ORISSA	False Point	−0·6	−0·3	+0·4	+0·3	0	−0·9	−1·1	−0·4	−0·5	−1·1	−1·2	+3·0	−0·2
	Cuttack	−0·6	+1·8	+1·1	+1·2	+1·9	−1·3	−0·6	0	0	+0·2	−0·4	+4·1	+0·6
CENTRAL PROVINCES.	Sambalpur	+0·1	?	+0·7	+0·7	+1·0	−0·3	−1·5	−0·8	−0·4	−0·2	+0·5	+5·2	?
	Raipur	−0·1	+3·0	+2·3	+0·9	+2·0	−1·3	−1·3	−0·7	−0·7	−0·2	+0·7	+4·3	+0·7
	Khandwa	−0·8	+2·8	+0·8	+1·4	+1·3	−1·1	−0·2	−0·1	+1·4	+0·4	+1·7	+4·8	+1·0
	Hoshangabad	−0·9	+2·3	+0·6	+0·5	+1·3	−1·3	−1·2	−0·8	−0·7	−0·8	+0·6	+3·1	+0·2
	Jubbulpore	−1·4	+1·5	?	−0·5	+1·3	−1·6	−1·9	−1·0	−0·4	−0·4	+0·3	+4·3	?
	Nagpur	−0·2	+2·1	+1·1	+0·6	+3·4	−1·1	−1·2	−0·7	−0·9	−0·2	+0·5	+3·2	+0·6
	Chanda	−2·4	+1·1	+1·4	+1·0	+3·5	−1·5	−1·9	−0·3	−0·4	−0·1	+1·0	+5·1	+0·5
	Sironcha	−2·3	−0·5	+0·5	−0·6	+2·9	−2·2	−1·5	−0·6	−1·0	+0·2	0	+4·6	0
BERAR	Chikalda	+1·5	+3·6	−1·2	+0·4	+1·6	−1·7	−1·2	−0·5	−1·0	+0·5	+1·3	+2·4	+0·5
	Buldana	+1·1	+2·7	−0·4	+0·7	+1·4	−1·7	−1·2	−0·8	−0·6	+0·2	+0·7	+2·8	+0·4
	Akola	−1·1	+1·7	+1·3	+0·6	+1·5	−1·6	−1·5	−0·2	+0·4	+0·8	+1·9	+5·4	+0·8

TABLE XIII.—*Comparison of Monthly Mean Air Temperatures in 1890, with the averages of Table XII*—concluded.

METEOROLOGICAL AREA.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BERAR—*concld.*	Makhla	+2·0	+4·6	−0·3	+0·7	+1·4	−0·5	−0·8	−0·2	−0·3	+0·6	+1·9	+3·1	+1·0
BOMBAY	Deesa	+2·3	+3·0	−0·3	+1·5	+0·4	−0·3	−1·5	−2·3	+0·6	+1·2	+1·4	+0·5	+0·5
	Bombay	+2·3	+2·3	+0·7	−0·2	−0·6	−2·1	−1·3	−1·2	−0·2	−0·8	−0·5	−0·2	−0·2
	Poona	−0·3	+2·4	−0·1	+0·8	+0·4	−1·5	−0·7	−1·3	−0·9	+0·5	+0·8	+2·7	+0·2
	Sholapur	−0·8	+1·7	−0·7	+0·2	+2·1	−1·1	−0·2	−1·2	−0·6	+1·6	−0·1	+2·9	+0·3
	Ratnagiri	+0·2	+2·0	−0·3	+0·5	−0·8	−1·6	−1·3	−1·6	−0·9	−0·1	−0·5	−0·2	−0·4
	Karwar	0·2	+2·1	+0·2	+1·2	+0·3	−0·1	+0·2	0	+0·5	+0·9	+1·4	+1·4	+0·7
	Belgaum	−0·2	+1·9	?	−0·6	+0·2	−1·2	−1·5	−1·4	−0·6	+0·3	+0·4	+1·7	?
HYDERABAD	Secunderabad	−0·9	+1·2	+1·4	−0·5	+2·2	−2·2	−1·1	−1·7	−1·4	+0·8	−0·7	+2·9	0
MADRAS AND MYSORE.	Vizagapatam	−0·9	−1·0	+0·7	+0·2	+1·1	−1·3	−1·3	−0·4	−0·1	+0·1	−1·2	+2·8	−0·1
	Bellary	−0·9	−0·4	+0·4	−1·8	−0·2	−0·7	−0·7	−0·9	−1·2	−0·3	−1·4	+1·1	−0·6
	Madras	−1·3	−1·0	+0·7	−0·8	+0·2	−2·8	−2·5	−2·7	−1·4	+0·1	0	+1·1	−0·9
	Salem	+0·1	+0·8	+2·8	−0·1	+0·8	+0·2	−0·4	−0·6	+0·4	+1·7	+1·0	+1·5	+0·7
	Mercara	−1·0	0	−1·1	−2·2	−0·2	−1·1	−1·6	−1·7	−1·2	−0·5	+0·6	+0·3	−0·8
	Trichinopoly	−0·2	+1·0	+2·6	+0·9	+2·6	+0·7	−0·4	−0·4	+0·3	+0·2	+0·1	+1·5	+0·7
	Cochin	−1·0	0	+0·2	−1·6	−0·1	−0·4	−1·0	−1·1	−1·3	−1·0	+0·1	−0·3	−0·6
	Wellington	0	+0·7	+0·2	−0·9	+0·4	−1·1	−0·8	−1·2	−0·6	−1·2	−0·8	−0·4	−0·5
CEYLON	Newera Eliya	−2·5	−0·7	+0·7	?	+0·3	+0·2	−1·1	−2·5	−1·4	−1·7	−2·4	+1·1	?
	Kandy	−0·5	−0·1	+0·1	−1·4	?	−0·3	−1·0	−1·3	−1·8	−1·9	−0·3	−0·8	?
	Jaffna	−1·3	0	+2·0	+1·0	+0·4	−0·1	−0·6	−1·1	−1·3	−0·9	+0·3	+1·4	0
	Trincomalee	+0·1	+0·1	+3·0	+1·4	+2·8	+0·8	+1·7	+0·2	+0·6	+0·1	+0·7	+0·6	+1·0
	Batticaloa	−1·1	−1·9	+1·1	−0·6	+0·8	−0·2	−0·6	−0·3	−1·1	−0·4	−0·1	+0·1	−0·4
	Galle	+0·1	+0·	+0·3	−0·7	+0·6	+0·5	+0·1	−0·5	−0·2	+0·4	0	+0·3	+0·1
	Colombo	−0·1	−0·6	−0·3	−1·5	−0·1	−0·2	−0·6	−0·4	−0·5	−1·0	−0·5	+0·2	−0·5
	Hambantota	−0·9	−0·3	−0·1	−2·0	−0·3	+2·1	−1·2	+0·3	−0·8	−0·9	+0·6	−0·9	−0·4
BURMA	Akyab	+2·1	+1·5	+2·5	+1·8	+1·0	+0·2	−0·6	+0·2	+0·6	+0·6	−0·9	−1·6	+0·6
	Diamond Island	+0·1	+0·4	0	−0·7	?	−1·5	−1·8	−0·8	−1·2	−1·7	−0·8	−1·5	?
	Rangoon	+1·2	+2·0	+1·8	+0·2	−2·0	−0·3	−1·3	−0·3	+0·5	−1·1	−0·1	−0·4	0
	Mergui	−1·3	−1·2	−1·2	−0·7	−3·0	−0·9	−1·5	−1·2	−1·9	−2·0	−0·5	+2·4	−1·1
BAY ISLANDS	Port Blair	+0·8	+1·0	+1·2	−0·3	−0·8	−0·9	0	+0·2	−0·7	−0·3	+0·4	+3·5	+0·3
EXTRA-INDIA	Quetta	+2·6	+2·4	−2·5	+1·6	−0·4	+2·2	+1·0	−0·1	−1·1	−1·3	−0·6	−4·4	−0·1
	Leh	+7·0	+5·6	−0·5	+3·1	+0·8	+1·6	+2·2	+0·8	−0·5	+1·8	+2·1	−0·6	+2·0
	Katmandu	+2·5	+2·1	−2·5	?	?	?	?	−0·3	+1·0	−0·3	+0·7	+2·0	?
	Aden	+0·2	0	+0·4	+0·2	−1·2	−0·9	−2·3	−2·6	−0·6	+0·7	+1·3	+0·9	−0·3

TABLE XIV.—*Geographical summary of the data of Table XIII.*

METEOROLOGICAL AREA.	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West Himalaya .	7–8	+4·9	+4·4	−1·9	+1·5	+1·2	0	−0·9	−1·1	−0·8	−0·4	−0·3	−1·6	+0·4
Sikkim Himalaya and Nepal.	2–3	+2·7	+3·4	−1·0	+1·1	+0·5	−0·4	−0·6	−0·6	+0·3	+1·4	+0·3	+0·6	+0·6
Punjab Plains . .	4	+3·6	+3·3	−0·7	+2·0	+2·6	+1·3	+0·6	−2·7	+1·3	−0·5	−0·1	+0·5	+0·9
Gangetic Plains . .	8–9	+1·9	+1·8	−0·1	+1·1	+1·3	−1·5	−2·4	−1·4	−0·8	−0·9	−1·0	+1·2	−0·1
Western Rajputana .	3–4	+2·5	+2·6	−0·7	+1·3	+0·3	+0·6	−0·8	−2·2	−0·1	+0·5	+1·1	−1·0	+0·3
Eastern Rajputana and Central India.	4	+1·6	+2·7	+0·5	+1·2	+1·7	−0·7	−1·9	−0·9	−0·1	+0·1	+0·4	+1·8	+0·5
Nerbudda Valley . .	2–3	−1·0	+2·2	+0·5	+0·5	+1·3	+1·3	−1·1	−0·6	+0·1	−0·3	+0·9	+4·1	+0·7
Chutia Nagpur . .	1	+0·9	+2·6	+0·9	+1·8	+1·4	−0·4	−1·6	−1·0	+0·2	−0·8	−0·5	+1·6	+0·4
Lower Bengal . .	4	+0·9	+0·8	+0·8	−0·1	+0·2	−1·1	−1·2	−0·7	−0·2	−1·1	−1·2	+0·6	−0·2
Assam and Cachar . .	3–4	+2·1	+2·6	+0·2	+0·2	+0·9	−1·1	−1·1	−1·2	−0·7	−0·2	−1·3	−0·8	0
Orissa and Sambalpur .	2–3	−0·4	+0·8	+0·7	+0·7	+1·0	−0·8	−1·1	−0·4	−0·3	−0·4	−0·4	+4·1	+0·3
Central Provinces, South, and Berar.	8	−0·2	+2·3	+0·6	+0·5	+2·2	−1·5	−1·3	−0·5	−0·6	+0·2	+1·0	+3·9	+0·6
Konkan	3	+0·8	+2·1	+0·2	+0·5	−0·4	−1·3	−0·8	−0·9	−0·2	0	+0·1	+0·3	0
Malabar Coast . .	1	−1·0	0	+0·2	−1·6	−0·1	−0·4	−1·0	−1·1	−1·3	−1·0	+0·1	−0·3	−0·6
Deccan, Hyderabad and Mysore.	5–6	−0·7	+1·1	0	−0·7	+0·8	−1·3	−1·0	−1·4	−1·0	+0·4	−0·1	+1·9	−0·2
Eastern Coast and Carnatic.	4	−0·6	−0·1	+1·7	+0·1	+1·2	−0·8	−1·2	−1·0	−0·2	+0·5	0	+1·7	+0·1
Ceylon	7–8	−0·8	−0·4	+0·9	−0·5	+0·6	+0·4	−0·4	−0·7	−0·8	−0·8	−0·2	−0·3	−0·3
Arakan and Pegu . .	4–5	+1·5	+0·6	+0·9	−0·3	0	+0·1	−1·0	−0·4	+0·3	−0·1	−0·8	−0·5	0
Tenasserim . . .	1	−1·3	−1·2	−1·2	−0·7	−3·0	−0·9	−1·5	−1·2	−1·9	−2·0	−0·5	+2·4	−1·1
Bay Islands . . .	1	+0·8	+1·0	+1·2	−0·3	−0·8	−0·9	0	+0·2	−0·7	−0·3	+0·4	+3·5	+0·3
Extra Tropical . .	...	+2·0	+2·6	−0·2	+1·1	+1·1	−0·2	−1·2	−1·2	−0·1	−0·1	−0·2	+0·7	+0·4
Tropical . . .	...	−0·2	+0·6	+0·5	−0·2	+0·2	−0·7	−0·9	−0·7	−0·7	−0·4	0	+1·7	−0·1
Whole of India . .	...	+0·9	+1·6	+0·2	+0·4	+0·6	−0·5	−1·1	−1·0	−0·4	−0·2	−0·1	+1·2	+0·1

January.—It has been pointed out in previous reports that the temperature conditions of the cold-weather months in India are chiefly determined by the number and character of the barometric depressions or storms which appear in Upper India and generally cross Northern India from west to east. In the intervals between these depressions ordinary anticyclonic conditions of high pressure, light winds and fine clear weather obtain. Temperature is generally above the average when a cold-weather depression appears in North-Western India, and a marked increase of temperature usually occurs to the east of the depression and precedes and accompanies the storm in its passage across India. Hence a wave of high temperature precedes each cold-weather depression as it passes across India and travels at the same rate, roughly speaking, as the storm. A rapid reduction of temperature occurs in the central area and western half of the depression, more especially when rain falls in the storm area. This cooling is further intensified by the setting in of very dry westerly and north-westerly winds in the rear of the storm. Hence the depression is followed by a cold wave, which is even more marked than the warm wave in front of the storm.

The number of storms in January 1890 was unusually small and the month was one of the driest on record in the hill districts of Upper India.

Fine dry weather prevailed over the whole of India at the commencement of the month. Temperature was below the normal in the Peninsula, and was very considerably above it in North-Western India (Sind, Rajputana, Central India and the North-Western Provinces). These conditions continued unchanged over the whole of India until the 8th. The mean temperature in North-Western India during this period varied from 2° to 9° above the normal. The most remarkable feature was the abnormally high temperature at the hill stations. The following gives data of five hill stations for the 3rd, the day on which the temperature conditions, accompanying prolonged dry anticyclonic weather, were most marked at the hill stations:—

Station.	Variation of maximum temperature of 3rd from normal.	Variation of minimum temperature of 3rd from normal.	Variation of mean temperature of 3rd from normal.
	°	°	°
Quetta	+13·4	+17·7	+15·6
Murree	+15·2	+14·1	+14·7
Simla	+15·2	+14·3	+14·8
Ranikhet	+12·7	+10·5	+11·6
Mount Abu	+ 8·3	+ 7·0	+ 7·7

The elevation of temperature at the hill stations was hence practically as large by night as by day. The conditions of this occasional great increase of temperature above the normal of the period throughout the whole day at the hill stations were stated in last year's report (*vide* page 33) and need not be repeated.

Weather was cloudy with some showers in Southern India on the 8th and 9th, after which skies cleared. This caused a slight diminution of temperature for a short period in Southern India. Meanwhile the continuance of ordinary anticyclonic conditions intensified the abnormally high temperature in Northern India, and the variations of the temperature from the normal increased until the 11th, on which day the mean temperature was 11·7° above the normal at Hyderabad (Sind) and 10·2° above it at Sambhar in Central Rajputana. A shallow depression appeared in Sind, and advanced across Rajputana on the 12th, and filled up on the 13th. It was of little importance as it gave no rain and did not modify the general character of the temperature conditions. On the 14th temperature was slightly below the normal in the Deccan and Southern India, and was above it in Northern and Western India, the excess being greatest in East Rajputana and the adjacent districts of the North-Western Provinces, where it averaged 6.°

The conditions continued practically unchanged until the 16th, when a brief period of unsettled weather commenced in Afghanistan and the Punjab. A moderately heavy fall of snow occurred in the Safed-koh and neighbouring mountains on the 17th January. The fall was estimated to vary in amount between 4 inches and 13 inches in different parts of the Eastern Afghan highlands.

In Kulu the weather was generally fine and clear from the 1st to the 17th, when there was a general fall of rain in the lower valleys, and of snow in the hills down to 6,500 feet. The Rotang pass (elevation 13,000 feet) was closed for the season by this fall. The disturbance also gave very light showers in the Punjab, which caused a small temporary reduction of temperature in that area, but did not apparently affect the temperature conditions in Central or Northern India.

A feeble disturbance and depression appeared in Sind on the 21st and drifted across Northern India into Burma during the next five days. It gave light rain showers to the greater part of Northern India and Burma. No snow appears to have fallen in the Afghan highlands during the storm. In Kulu moderate snow fell on the 22nd, after which date the weather was fine and sky cloudless until the end of the month.

The depression passed through Sind into Rajputana on the morning of the 22nd, through the central districts of the North-Western Provinces on the 23rd, West Bengal on the 24th, East Bengal on the 25th, and Burma on the 26th. The figures in the following table give the variations of the mean temperature for the 24 hours preceding 8 A.M. of the dates in question, from which it will be seen that this storm produced the series of changes of temperature which are almost invariably associated with cold-weather storms, *viz.* :—

(1) a considerable rise of temperature immediately in front of the depression;

(2) a continuous fall of temperature for some time after the passage of the depression eastwards.

PROVINCE.	MEAN VARIATION OF THE ACTUAL MEAN TEMPERATURE FROM THE NORMAL OF THE 24 HOURS PRECEDING 8 A.M. OF THE									
	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st
	°	°	°	°	°	°	°	°	°	
Punjab . . .	+5·5	+3·2	+0·9	—2·0	—4·0	—4·0	—2·6	—0·5	—0·1	+0·2
North-Western Provinces	+4·8	+6·9	+4·3	+0·5	—3·9	—3·9	—4·5	—4·1	—2·5	—1·4
Bengal	+2·1	+2·7	+5·6	+4·0	—0·7	—4·3	—4·9	—4·8	—3·6	—2·2
Burma	+0·2	+0·6	+2·1	+3·6	+4·5	+1·7	+2·7	+2·8	+1·3	0

The mean maximum temperature of the month was above the normal over the whole of India except the west coast districts of the Bay, where it was slightly deficient. The excess was large in North-Western India, ranging from 3½° to 6° over the Punjab, Sind, Rajputana and the western and central districts of the North-Western Provinces. It was absolutely greatest at Jeypore (+6·3°) and Jhansi (+6·3°) and Deesa (+6·0). The excess was even greater in amount at Quetta (+7·5°) and Murree (+7·5°).

The mean minimum temperature of the month was in excess over nearly the whole of Northern India, and was in defect in Central India and the Peninsula. The excess was more than 2° in Burma, Assam, North Bengal and North Behar and in Lower Sind. It was absolutely greatest in Burma at Thayetmyo (+4·7), Bassein (+4·2°), Tounghoo (+3·5°), and Rangoon (+3·5°). The deficiency exceeded 2° in the greater portion of Central India, the Central Provinces, Berar and the North Deccan and was greatest at Patna (—4·6°), Akola (—3·5°) and Khandwa (—3·1°).

The mean temperature was above the normal of the month in Northern India and Burma and below it in the Peninsula. It was more than 2° above the normal over nearly the whole of Burma and in the Punjab, Sind, Rajputana, the greater part of the North-Western Provinces and North Behar, in which it ranged between 2° to 4°. The excess averaged 3·6° in the Punjab, 2·2° in Rajputana, 1·9° in the North-Western Provinces and 2·1° in North Behar and Assam. The increased temperature was most strongly shown at the hill stations. Thus the mean temperature of the month at Murree was 5·7° above the normal, at Darjeeling (5·1°), at Quetta (4·7°) and at Simla (4·4°). The mean temperature for the month in Extra Tropical India was 2° above the normal and in Tropical India 2° below it.

February.—The meteorological conditions in India during the month of February are similar to those of January. Temperature increases on the whole steadily throughout the month, the increase being nearly the same in amount over by far the greater part of India. The following table gives the normal mean temperature of January and February at typical stations in different parts of India:—

Station.	Normal Mean Temperature. January. (*a*)	Normal Mean Temperature. February. (*b*)	Increase of mean temperature (*b*—*a*.)
	°	°	°
Madura	77·0	79·1	2·1
Madras	75·5	77·1	1·6
Bellary	73·2	79·6	6·4
Sholapur	71·8	78·0	6·2
Nagpur	68·2	73·8	5·6
Ajmere	57·6	61·7	4·1
Calcutta	65·2	69·8	4·6
Patna	60·5	65·1	4·6
Agra	58·8	64·3	5·5
Lahore	51·9	56·6	4·7
Jacobabad	56·7	61·9	5·2

The mean temperature of India in the month of February is about 4½° higher than that of the month of January. Temperature is usually highest in South Madras (Madura, Tinnevelly, Trichinopoly and Coimbatore) and the West Deccan (or the area between Sholapur and Bellary), in which it ranges from 80° to 83.° Temperature is lowest in the North Punjab at Peshawar, where it averages 51·8° for the month (or, allowing for height above the sea-level, 54½°). The influence of stormy weather and snowfall in the hill districts is shown by the fact that the mean normal temperature of February at the hill stations is little higher than that of January, and, as might be expected, the difference between the mean temperature of February and of January diminishes in amount westwards from Ranikhet to Murree:—

Station.	Normal Mean Temperature. January. (*a*)	Normal Mean Temperature. February. (*b*)	Increase of mean temperature (*b*—*a*.)
	°	°	°
Ranikhet	46·2	47·5	1·3
Chakrata	41·8	42·7	0·9
Simla	41·0	41·6	0·6
Murree	39·4	39·5	0·1
Quetta	40·2	41·4	1·2
Mount Abu	57·9	60·6	2·7
Pachmarhi	58·0	61·8	3·8

Fine weather with ordinary anticyclonic conditions of pressure and air motion prevailed at the commencement of the month, when temperature was slightly below the normal over the whole of India except North-Western India. Temperature increased rather rapidly in North-Western India and Beluchistan during the next five days but continued moee or less below it in the Gangetic plain. The mean temperature of the 5th was 14·3° above the normal at Quetta and 8·4° above it at Peshawar. A shallow and feeble depression of little importance crossed Sind and Rajputana on the 6th and 7th and slightly reduced temperature in these provinces. Ordinary anticyclonic conditions were re-established on the 8th and continued until the 14th. Temperature increased during this period, and was largely above the normal in North-Western and Central India, and was below it to a moderate extent in Madras. The following table gives average variations of the maximum, minimum and mean temperature of the 14th from the normal in different provinces:—

PROVINCE.	Mean variation of maximum temperature of the 14th from normal.	Mean variation of minimum temperature of the 14th from normal.	Mean variation of mean temperature of the 14th from normal.
	°	°	°
Burma	+ 1·3	+2·5	+1·9
Bengal	+ 3·7	+1·6	+2·7
North-Western Provinces	+ 7·1	+1·9	+4·5
Punjab	+11·0	+4·6	+7·8
Rajputana	+ 7·8	+7·1	+7·5
Central India	+ 7·7	+3·1	+5·4
Central Provinces	+ 5·6	+1·9	+3·8
Bombay	+ 3·7	+0·3	+2·0
Madras	— 1·5	—2·4	—2·0

A depression appeared on the north-west frontier on the 14th. This advanced across Northern India during the next four days. It passed through Sind and West Rajputana on the 15th, East Rajputana and the eastern districts of the North-Western Provinces on the 16th, Behar and West Bengal on the 17th and Central and East Bengal on the 18th. It was during the greater part of its existence of a dry depression, gave rain on the 16th only, to the hill districts and the submontane districts of the Punjab and North-Western Provinces. According to the snowfall reports received no snow fell in the Afghan highlands. Moderate snow fell in Kulu down to a level of 4,500 feet, but it quickly melted. The temperature changes were much smaller than those accompanying the passage of storms giving heavy rain to the plains of Northern India and snow in the hills. The following table gives temperature variation data for the period, January 16th to 21st:—

PROVINCE.	VARIATION OF MEAN TEMPERATURE FROM NORMAL ON THE					
	16th	17th	18th	19th	20th	21st
	°	°	°	°	°	°
Beluchistan	+11·7	+2·1	—0·4	+6·3	+4·4	+5·2
Sind	+7·1	+7·8	+2·9	+3·9	+8·5	+1·8
Punjab	+4·7	+0·5	—0·6	+1·4	+3·5	—0·7
Rajputana	+8·7	+6·8	+4·9	+3·8	+7·0	+4·5

PROVINCE.	VARIATION OF MEAN TEMPERATURE FROM NORMAL ON THE					
	16th	17th	18th	19th	20th	21st
	°	°	°	°	°	°
North-Western Provinces	+7·2	+5·9	+2·2	+1·7	+2·2	+3·1
Central Provinces	+5·1	+5·6	+4·1	+3·8	+3·9	+1·5
Central India	+6·6	+6·1	+3·8	+3·9	+3·0	+3·9
Behar	+2·3	+5·2	+5·0	+2·6	+3·9	+2·5
Bengal	+3·0	+5·2	+5·2	+2·7	+3·3	+3·5
Assam	+3·2	+4·9	+4·5	+4·1	+3·8	+3·7
Burma	—0·4	—0·5	—0·1	+1·2	+2·4	+2·2

The temperature changes accompanying the passage of this storm are interesting as they show clearly that, in the absence of heavy snow in the Afghan and Punjab hills and moderate rain in the plains of Northern India, the cool wave which follows in the rear of the cold-weather depressions is of slight intensity.

The weather was slightly disturbed by a small local depression which appeared in the North-Western Provinces on the 25th and some light local showers were received in Central India, Bengal and the North-Western Provinces. Temperature was steadily above average over the whole of India except Madras, from the 21st to the 26th. It decreased on the 27th and 28th and was below the normal to a moderate extent in the Peninsula, the Central Provinces and North-Western Provinces.

The mean temperature of the month was above the normal except in the Madras coast districts. The excess increased northwards and westwards, and was more than 2° in amount over the whole of North-West and Central India and also in North Behar and Assam. The excess was greatest on the whole in the Indus Valley, Rajputana, and the adjacent districts of Central India and the North-Western Provinces. The following gives variation data for the stations at which temperature was most largely in excess :—

STATION.	Variation of mean maximum from normal.	Variation of mean minimum from normal.	Variation of mean temperature from normal.
Jhansi	+5·3°	+3·2°	+4·3°
Deesa	+4·9	+2·5	+3·7
Ajmere	+3·8	+3·1	+3·5
Saugor	+3·8	+3·2	+3·5
Neemuch	+3·9	+2·9	+3·4
Indore	+4·0	+2·6	+3·3
Jeypore	+4·5	+1·9	+3·2
Peshawar	+4·6	+2·1	+3·4
Mooltan	+5·9	+1·8	+3·9
Hyderabad	+4·3	+2·8	+3·6

The excess was greater at the hill stations than in the neighbouring plains and was above 4° at Kailong (+5·0°), Simla (+4·5°), Chakrata (+4·7°), and Darjeeling (+4·7°).

March.—A rapid increase of temperature usually occurs during this month, and the hot weather over the Deccan, Central and North-Eastern India may be regarded as commencing from the 1st of March. The following table, giving comparative mean temperature for February and March, illustrates the rapid increase of temperature which occurs at this period:—

Province.	Mean Normal Temperature.		Increase of temperature.
	February. (a)	March. (b)	(b—a)
	°	°	°
Deccan	74·6	80·4	+ 5·8
Central Provinces	73·5	82·1	+ 8·6
Bengal	70·1	79·0	+ 8·9
North-Western Provinces	63·3	74·7	+11·4
Central India	64·7	76·9	+12·2
Rajputana	62·4	74·0	+11·6
Sind	65·0	75·3	+10·3
Punjab	56·2	67·7	+11·5

Temperature hence increases rapidly during the month. It is usually highest in the Deccan, in which it ranges from 85° to 90° (allowing for elevation above the sea-level). The temperature in the North Punjab averages 68°.

The month was characterised by a large number of small disturbances, in the majority of cases of the hot-weather type, and by frequent periods of light to moderate rain. Anticyclonic conditions prevailed from the 1st to the 3rd. Temperature was largely in excess during this period in Rajputana (+4·0°), Punjab (+3°), Central India (+2½°), and in slight excess in other districts except Bengal, where it was 1° in defect. A shallow depression appeared in Kathiawar on the 3rd and advanced eastwards into the eastern districts of the North-Western Provinces, giving moderate general rain. This caused a large reduction of temperature in Northern India and Central India. Weather continued slightly disturbed for some days after, and thunderstorms were of occasional occurrence, more especially in Bengal and Assam. Temperature was more or less below the normal over the whole of Northern and Central India during this period, but increased rather rapidly and was largely in excess in Madras. The mean temperature of the 16th, for example, was 6·6° above the normal at Trichinopoly, 6·2° at Salem, 5·4° at Madura, and 5° at Madras.

A depression appeared in Sind on the 17th, which advanced eastwards during the next five days. The disturbance gave light showers over the whole of Northern and Central India between the 18th and 21st. Temperature was hence below the normal by moderate amounts but began to increase rapidly on the 21st and was above the normal during the next three days in all provinces except the Punjab.

Showers were of occasional occurrence during the last week of the month in the

Punjab, and hence temperature was reduced for a brief period below the normal in the Punjab, Rajputana and Central India.

The chief feature of the last week of the month was the very rapid increase of temperature in Burma and North-Eastern India. Very high maximum temperatures were registered in Lower Burma from the 20th to the 28th. The most noteworthy were 103·2° at Rangoon on the 21st, and 108·7° at Thayetmyo on the 25th and 26th. The highest temperatures previously registered at these stations in the month of March are 104·3° at Rangoon in 1876 and 106·1° at Thayetmyo in 1879.

The hottest area March is usually in Central Madras or the South Deccan. The highest temperatures registered in that area in March 1890 were 108·3° at Cuddapah on the 26th, and 107·0° at Kurnool on the 24th.

The following table gives the variations of the mean temperature from the normal, week by week during the month, in the larger provinces :—

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING MARCH.				Difference of Mean Temperature of the month from the normal.
	10th	17th	24th	31st	
	°	°	°	°	°
Burma	− 0·2	+ 0·7	+ 1·8	+ 3·0	+ 1·4
Bengal and Assam	− 1·7	− 0·3	+ 1·6	+ 2·9	+ 0·4
North-Western Provinces and Oudh	− 1·4	− 0·7	+ 0·5	− 0·9	− 0·6
Punjab	− 2·5	+ 0·3	− 1·2	− 4·1	− 1·5
Bombay	− 0·3	−0·8	+ 1·1	+ 0·1	+ 0·1
Central Provinces and Berar	− 2·2	− 1·6	+ 2·2	+ 0·6	+ 0·4
Guzerat and Central India	− 0·2	− 0·8	+ 1·6	− 1·8	0
Sind and Rajputana	− 0·2	− 0·2	+ 0·8	− 1·7	− 0·1
Madras	+ 0·1	+ 2·3	+ 0·9	+ 2·6	+ 1·3

The mean maximum or day temperature was below the normal over the whole of India except Burma, Assam and South Madras. The variations were small and in no case exceeded 3°. The minimum temperature was above the average except in Upper India. The variations were less than 3° except in Burma and South India. The mean temperature was below the normal in Northern India. The deficiency was small except in the East Punjab, where it slightly exceeded 2°. It was greatest at Lahore (2·9°), Ludhiana (2·8°) and Rawalpindi (2·0°). The mean temperature was in excess in the Peninsula and Burma, but the variations were small except in the two areas defined by the stations for which data are given in the following table:—

PROVINCE.	STATION.	Variation of mean temperature of month from normal.
		°
South India	Trichinopoly	+2·6
	Salem	+2·8
Burma	Akyab	+2·5
	Thayetmyo	+2·1

April.—The most important feature of the weather in the month of April is the rapid increase of temperature. At the commencement of the month the area of maximum daily temperature usually covers the Central and North Deccan. The mean temperature in this area at that time averages 88°. Temperature usually increases about 10° during the month in Upper India, 5° to 8° in Central India and the Central Provinces, and remains almost unchanged in the coast districts of Southern India.

The following gives mean temperature averages for representative stations for the months of March and April:—

Station.	Mean Normal Temperature.		Increase of mean temperature. (*b*—*a*)
	March. (*a*)	April. (*b*)	
	°	°	°
Madras	80·8	84·8	4·0
Trichinopoly	83·2	87·0	3·8
Bellary	85·8	89·4	3·6
Sholapur	84·2	88·8	4·6
Nagpur	83·6	90·3	6·7
Neemuch	75·9	84·0	8·1
Jeypore	74·8	84·6	9·8
Lahore	67·8	79·1	11·3
Rawalpindi	61·4	71·5	10·1
Jacobabad	75·0	85·1	10·1

The area of maximum temperature is slowly transferred northwards during the month, and at the end of the month includes the North Deccan, Central Provinces, the south-western districts of the North-Western Provinces and the eastern states of Central India. The mean temperature in that area at the end of the month is 92°, and maximum day temperatures of 110° and upwards are usually registered in it before the end of the month.

Temperature was slightly above the normal at the commencement of the month except in North-Western India, where it was in moderate defect (2° to 5°). Fine clear weather prevailed until the 6th, when the weather was slightly disturbed with showers in Burma and South India. Dry cloudless weather continued over the greater part of Northern and Central India, and temperature increased rapidly and was considerably above the normal in the second week of the month except in Madras and Burma. Weather became slightly unsettled on the 16th, and light showers occurred on the 16th and 17th, chiefly in the Punjab, Bengal, Assam and Southern India. This reduced temperature to some extent. Clear dry weather set in again on the 19th except in North-Eastern and Southern India, where frequent showers continued to be received. These conditions continued until the 24th, and temperature was considerably above the normal in North-Western and

Central India and the Deccan. Weather became generally unsettled on the 24th, and thundershowers occurred in nearly all districts of India except Rajputana and Lower Sind. A very large and remarkable temporary reduction of temperature was produced by this rainfall. Thus on the 25th the maximum temperature at Seoni and Jubbulpore was 26° below the normal of the day, at Nagpur 25° and at Sutna 21°; on the 26th it was 29° in defect at Simla, 25° at Patna, 23° at Benares, and 21° at Roorkee, Delhi, Sialkot and Ludhiana. The following table gives the variations of the mean day or maximum temperature of the two days previous to the disturbed weather and during the disturbed weather throughout India:—

PROVINCE.	MEAN VARIATION OF THE ACTUAL MEAN MAXIMUM TEMPERATURE FROM THE NORMAL OF THE 24 HOURS PRECEDING 8 A.M. OF					
	23rd	24th	25th	26th	27th	28th
	°	°	°	°	°	°
Burma	+1·2	+0·5	+0·3	0	— 0·6	— 4·7
Bengal	—1·6	+1·5	+3·7	+ 1·4	— 0·9	— 5·1
North-Western Provinces	+3·6	+4·6	+1·6	—10·6	—16·4	—13·0
Punjab	+1·5	+3·6	—3·8	—10·6	—19·2	—15·8
Rajputana	+2·1	+0·4	—6·1	— 5·7	— 7·4	— 3·6
Central India	+3·4	+2·7	—6·1	—11·0	—11·6	— 7·9
Central Provinces	+3·1	+3·8	—2·2	—18·6	—18·1	—11·0
Bombay	+0·5	—0·4	—3·5	— 3·5	— 2·6	— 2·5
Madras	—2·1	—0·4	—6·7	— 2·3	— 4·5	— 3·9

Skies cleared on the 29th, and temperature increased rapidly on the last two days of the month.

Maximum temperatures of 110° and upwards were registered at the following stations during the month. The highest temperatures at these stations were recorded on the 22nd or 23rd, which were the hottest days of the month:—

STATION.	Highest maximum temperature of the month.	STATION.	Highest maximum temperature of the month.
	°		°
Cuttack	113·4	Delhi	111·0
Akola	112·1	Khandwa	110·7
Kurncol	111·6	Agra	110·5
Deesa	111·5	Malegaon	110·3
Allahabad	111·4	Benares	110·3
Jhansi	111·0	Cawnpore	110·1

The following table gives the variation of the mean temperature from the normal week by week, during the month :—

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING APRIL				Difference of mean temperature of the month from the normal.
	7th	14th	21st	28th	
	°	°	°	°	°
Burma	+ 0·6	− 0·7	+ 1·2	+ 0·1	+ 0·3
Bengal and Assam	+ 0·8	+ 1·0	− 0·4	+ 0·2	+ 0·3
North-Western Provinces and Oudh	− 0·6	+ 3·9	+ 0·3	− 1·6	+ 0·5
Punjab	+ 1·9	+ 4·8	+ 1·3	− 2·8	+ 0·9
Bombay	+ 0·7	+ 1·4	+ 0·6	− 1·0	+ 0·3
Central Provinces and Berar	+ 0·8	+ 3·0	+ 0·7	− 3·6	+ 0·1
Guzerat and Central India	− 0·1	+ 3·3	+ 1·6	− 1·6	+ 0·8
Sind and Rajputana	+ 1·2	+ 3·9	+ 2·4	− 0·7	+ 1·5
Madras	+ 0·8	+ 0·4	+ 0·4	− 1·4	− 0·2

Although the fluctuations of temperature during the month were very large, the mean temperature of the month varied little from the normal. The mean maximum was in slight excess in North-Western India and generally in defect in other districts. The mean minimum was in slight to moderate excess over nearly the whole of India. The excess was more than 2° in Rajputana and the West Punjab, and was absolutely greatest at Ajmere (4°) and Malegaon (3·2°). The mean temperature of the month was in excess in all districts except South India and Central Madras, Central Bengal and Chutia Nagpur, and the eastern districts of the Central Provinces. The excess was small in amount in the majority of cases, and was greatest at Ajmere (3·7°), Mooltan (3·3°), Jacobabad (2·0°), Agra (2·3°), Dehra (2·2°), and Leh (3·1°). The mean temperature of the month was 2·2° in defect at Mercara and 2·1° at Coimbatore in Southern India.

May—Is usually the last month of the hot weather proper in Northern and Central India. The area of maximum temperature in India at the beginning of the month usually includes the Central Provinces, Berar and the eastern districts of the North-Western Provinces. Temperature increases most rapidly in North-Western India in this month, and the area of maximum temperature is usually transferred to Sind, the South-West Punjab and West Rajputana before the end of the month. The following table gives data showing the rate of increase of temperature in different parts of India at this period :—

PROVINCE.	STATION.	MEAN NORMAL TEMPERATURE.		Increase of temperature. (b—a)
		April. (a)	May. (b)	
		°	°	°
MADRAS	Trichinopoly	87·0	87·2	+ 0·2
	Bellary	89·4	88·6	− 0·8
DECCAN	Sholapur	88·8	89·2	+ 0·4
CENTRAL PROVINCES	Nagpur	90·3	94·2	+ 3·9

Province.	Station.	Mean Normal Temperature.		Rise.
		April.	May.	
		°	°	°
North-West Provinces	Allahabad	87·6	91·9	+ 4·3
	Agra	86·5	92·7	+ 6·2
Rajeutana	Jeypore	84·6	90·3	+ 5·7
	Pachpadra	85·3	91·6	+ 6·3
Punjab	Lahore	79·1	86·5	+ 7·4
	Peshawar	72·3	82·4	+10·1
Sind	Jacobabad	85·1	93·3	+ 8·2

The data show that the mean daily temperature remains practically unchanged from April to May in Southern India, and that it increases 4° to 6° in the Central Provinces, Central Rajputana and the North-Western Provinces, and 8° to 11° in the Punjab and Upper Sind. Temperature was above the normal at the beginning of the month in all districts except Upper India, where it was in defect after the rainfall of the last week of April. The highest temperatures during the first week of the month were recorded in Berar, the Central Provinces and eastern districts of the North-Western Provinces, where the day temperature ranged between 110° and 115°. Temperature was abnormally high in Bengal and Madras during this period. The great heat in Bengal was due to the prevalence of unusually dry clear weather caused by indraught to a depression and cyclonic storm which formed in the Bay in the first week of the month, and advanced into Burma on the 8th. The following table gives the variations of the maximum temperature from the normal at representative stations in Bengal, Behar and Assam during this period :—

Station.	Variation of maximum temperature from normal on								
	4th	5th	6th	7th	8th	9th	10th	11th	12th
	°	°	°	°	°	°	°	°	°
Calcutta	+3·6	+6·8	+10·7	+12·2	+13·3	+5·7	+10·0	+5·1	+3·9
Burdwan	+12·0	+10·6	+11·9	+12·2	+12·5	+13·6	+10·9	+10·8	+7·9
Sibsagar	+9·0	+9·2	+11·2	+0·7	+6·4	−1·2	−6·0	−1·4	−0·8
Patna	+1 ·3	+11·8	+13·0	+10·0	+12·9	+15·4	+10·1	+7·5	+7·8
Hazaribagh	+7·2	+7·4	+7·8	+4·1	+7·1	+8·8	+4·1	+5·8	+9·2

The indraught to the area of depression gave north-west winds to the Madras Coast stations during the same period. These winds descend from the East Ghâts, and hence are not only hot and dry but are heated by the act of descent, and in this respect resemble the Föhn winds of Switzerland. When these descending hot winds prevail on the Madras Coast, as was the case in the second week of the month of May, abnormally high temperatures are recorded at the coast stations of Masulipatam, Nellore and Madras. For example, the maximum temperature at Masulipatam on the 9th and 11th was 113·7°, and was the highest recorded on those days over the whole of India. The following gives the variations of the day temperature from the normal during this period at Masulipatam and Madras, and also at the nearest inland stations for comparison. It will be seen that the hot period terminated about the same time as in Bengal:—

Station.	Variation of maximum temperature from normal on								
	6th	7th	8th	9th	10th	11th	12th	13th	14th
	°	°	°	°	°	°	°	°	°
Masulipatam	+2·7	+2·3	+11·6	+16·1	+13·9	+15·4	+12·9	+0·8	−4·6
Secunderabad	+5·0	+5·9	+5·5	+4·6	+2·6	+4·3	+3·9	+3·9	+4·0
Madras	+3·4	+12·6	+12·6	+13·6	+11·9	+11·8	+9·4	+6·5	+0·3
Bangalore	−2·2	−0·3	−1·6	−0·3	+0·3	+0·3	+2·7	−1·0	+3·9
Bellary	−2·7	−0·5	−1·9	−1·2	−3·1	−2·4	−1·5	+1·3	+3·5

The effect of rainfall in reducing temperature in the hot weather months was strikingly shown during the cyclonic storm in Burma. For example, the maximum temperature at Thayetmyo on the 8th was 23·3° below the normal and at Tounghoo 18·3° below, whilst on the 6th it was 2° to 4° above it over the whole of Lower Burma.

Thundershowers and nor'-westers occurred daily in Burma, Assam, Bengal and Behar from the 13th to the end of the month, and hence temperature was below the normal in those provinces from the 14th to the end of the month.

The area of maximum temperature was transferred on the 9th to Sind, the South-West Punjab and West Rajputana. From the 9th to the 21st the day temperature in that area ranged between 110° and 116°.

A rapid increase occurred between the 22nd and 25th, and on the latter day the highest maximum temperature of the year in India was recorded at Jacobabad (*viz.*, 122·5°).

The following gives the highest temperatures of the previous four years and the dates of their occurrence:—

Year.	Date.	Station.	The highest maximum temperature.
1886	25th May	Pachpadra	123·1°
1887	29th May	Jacobabad	122·4°
1888	27th May	Jacobabad	123·0°
1889	1st June	Jacobabad	123·5°

The following table gives the variations of the day temperature at representative stations in this hot area from the 21st to 27th and on the 31st for comparison :—

STATION.	VARIATION OF MAXIMUM TEMPERATURE FROM NORMAL ON							
	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	31st.
	°	°	°	°	°	°	°	°
Jacobabad	+2·4	+5·7	+9·6	+10·6	+10·6	+8·1	+7·4	+1·6
Mooltan	+2·9	+7·1	+11·2	+13·1	+13·5	+14·8	+8·3	+0·5
Peshawar	+0·1	+5·4	+9·2	+10·2	+11·5	+7·7	+5·5	+2·2
Lahore	—0·1	+2·4	+6·7	+7·4	+9·3	+9·6	+3·5	+0·4
Deesa	+3·9	+4·3	+6·0	+6·5	+3·0	—1·9	—3·4	—1·4

The table shows that temperature fell rapidly from the 26th to the 31st. This was due to the occurrence of numerous dust storms and thunderstorms in the Punjab on the 27th, 28th and 29th.

The following table gives the variations of the mean temperature from the normal, week by week, during the month.

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING					Difference of mean temperature of the month from the normal.
	5th May.	12th May.	19th May.	26th May.	2nd June.	
	°	°	°	°	°	°
Burma	+0·8	—2·1	—1·1	—0·8	—1·9	—1·1
Bengal and Assam	+3·0	+5·9	—2·8	—0·2	—0·3	+1·0
North-Western Provinces and Oudh . .	+2·0	+2·5	—0·4	+1·3	+1·6	+1·6
Punjab	—3·0	—1·4	+2·7	+2·7	+3·4	+1·4
Bombay	+1·1	+0·4	+0·3	+0·6	—0·6	+0·4
Central Provinces and Berars . . .	+1·5	+0·5	+1·8	+2·2	+1·7	+1·9
Guzerat and Central India	+1·4	0	+0·5	+1·8	+0·2	+0·9
Sind and Rajputana	+1 2	—0·9	+1·7	+2·5	+1·3	+0·9
Madras	+0·3	+1·8	+1·4	+0·5	+1·8	+1·3

The mean maximum temperature of the month of May was above the normal except in the west coast districts and Lower Burma. The excess ranged from 2° to 4° in the South-West Punjab, the western districts of the North-Western Provinces, the Deccan and Madras, and was absolutely greatest at Mooltan (4·5°) and Masulipatum (3·9°). The mean minimum temperature was also above the average except in the west coast districts and Burma. The excess ranged from 2° to 4½° in Rajputana and the neighbouring districts of the Punjab and North-Western Provinces, East Deccan and Circars, and was absolutely greater in Jhansi (4·7°) and Nagpur (3·3°). The mean temperature of the month was above the normal except in Lower Burma and the west coast districts, where it was slightly in defect. The excess was greatest in the East Deccan, Madras, East Rajputana and the adjacent districts of the North-Western Provinces. The departure from the normal was greatest at the following stations:—

Station.	Variation of maximum from normal.	Variation of minimum from normal.	Variation of mean of maximum and minimum from normal.
Mooltan	+4·5°	+2·7°	+3·6°
Jhansi	+2·8	+4·7	+3·8
Nagpur	+3·3	+3·3	+3·3
Masulipatam	+3·9	+2·5	+3·2

June.—Temperature is usually excessive at the beginning of the month over the whole of Upper and Central India. The advance of the humid monsoon currents from the adjacent seas increases humidity rapidly, and is followed by frequent rain showers. Hence temperature falls considerably during the month, and the daily range diminishes largely in amount in the interior. Sind, the South-West Punjab and North-West Rajputana are the areas of highest temperature during the month. Another area of high temperature is the extreme south of India, including the Tinnevelly, Madura and Trichinopoly districts, in which the rainfall is usually very small in amount in June. The south-west monsoon commenced earlier than usual on the west coast in the last week of May. This reduced temperature below the normal in the west coast districts in the beginning of June. Temperature was excessive during the first week of the month over the whole of Northern India, but began to decrease in the second week of the month with the advance of the monsoon currents from the coast districts into the interior. The first effect of the increasing humidity in the dry districts of the interior was to give excessive night temperatures for a brief period. This was most marked in the North-Western Provinces and the Punjab during the period of three or four days from the 4th to the 7th, whilst the humidity was increasing, but there was little or no cloud. The following gives the most striking examples of the abnormally high minimum night temperatures of this period:—

Date.	Station.	Minimum temperature.	Variation from normal.
Night of 4th . . .	Allahabad	97·4°	+14·0°
	Lucknow	93·7	+12·9
Night of 5th . . .	Lucknow	97·7	+16·7
	Roorkee	94·7	+17·7
Night of 6th . . .	Ludhiana	94·1	+16·1
	Lahore	90·3	+11·0
Night of 7th . . .	Lahore	89·8	+10·3
	Peshawar	86·3	+11·3

The nights of the 5th and 6th June were the hottest that have been experienced for many years in the North-Western Provinces. The minimum temperature over the greater part of the Province was from 8° to 18° above the normal on these nights. The highest recorded minimum temperature was 97·7° at Lucknow. The data shew that it was in effect transmitted westwards and northwards in front of the advancing monsoon rain currents.

Rain fell generally in the Punjab, Rajputana, and North-Western Provinces on the 8th and 9th. This reduced temperature very rapidly on the night of the 9th, when the minimum temperature averaged 8° below the normal in the Punjab and 1° below it in the North-Western Provinces. In consequence of the continuance of steady rain from this period until the end of the month, temperature was more or less below the average in every part of India except Sind and Western Rajputana and the south-west districts of the Punjab. Temperature was excessive in that area and increased until the 15th, when the highest temperatures of the month was recorded. These were 121·4° at Montgomery on the 15th and 120·5° at Jacobabad on the 14th. The influence of the monsoon then began to be felt in that area and temperature fell below the normal during the fourth week of the month. In consequence of the very heavy rainfall in Northern and Central India during the third and fourth weeks of the month temperature was very largely in defect. The larger temperature changes of the month are shewn by the data of the following table :—

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING JUNE				Difference of mean temperature of the month from the normal.
	9th.	16th.	23rd.	30th.	
Burma	+0·8°	+1·1°	−0·6°	−2·3°	−0·2°
Bengal	−0·3	−0·9	−0·8	−1·6	−0·8
North-Western-Provinces	+3·4	−0·5	−4·4	−6·4	−1·5
Punjab	+5·0	−1·8	−1·0	−1·8	+0·4
Bombay	−1·0	−1·0	−2·6	+0·1	−1·0
Central Provinces and Berar	−0·1	−0·3	−2·8	−3·2	−1·1
Guzerat and Central India	+0·3	+0·9	−2·3	−4·6	−0·8
Sind and Rajputana	+2·3	+2·6	+0·1	−1·2	+0·9
Madras	+0·6	−1·1	−2·4	−1·0	−0·6

The mean temperature of the month was above the normal in the West Punjab, Rajputana and Sind. The excess was greatest at the following stations :—

STATION.	Variation of mean maximum from normal temperature of month.	Variation of mean minimum from normal temperature of month.	Variation of mean of maximum and minimum from normal temperature of month.
Mooltan	+3·6°	+3·4°	+3·5°
Jacobabad	+2·5	+3·9	+3·2
Quetta	+2·6	+2·6	+2·6

The excess in that area was hence as marked in the night as in the day temperature.

The mean temperature of the month was more or less below the average over the remainder of India and in Burma (except locally at Chittagong and Akyab, where it was very slightly in excess). The deficiency was greatest at the foot of the Himalayas from Dhubri to Meerut. The following gives temperature data for stations in this area:—

STATIONS.	Variation of maximum from normal.	Variation of minimum from normal.	Variation of mean of maximum and minimum from normal.
Dhubri	° —3·1	—1·6	° —2·4
Purneah	—4·3	—0·2	—2·3
Gorakhpur	—4·4	—0·7	—2·6
Lucknow	—3·4	—0·5	—2·0
Bareilly	—3·4	—0·4	—1·9
Meerut	—2·2	—1·8	—2·0

July.—The temperature conditions of the month of July are mainly determined by the amount and distribution of the rainfall. Over the greater part of the country the mean temperature ranges between 78° to 85° and the diurnal range is small in amount. The two hottest areas during the month are, 1st, Upper Sind and the West Punjab, and 2nd, the southern districts of Madras, including Madura, Trichinopoly and Tinnevelly.

The rainfall of the month was more or less above the normal average over nearly the whole of India, and was well distributed over the month. Hence temperature was steadily below the average during the month. The variations of the mean temperature week by week during the month and for the whole month are given in the following table:—

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING JULY				Difference of mean temperature of the month from the normal.
	7th.	14th.	21st.	28th.	
	°	°	°	°	
Burma	—1·5	—1·5	—0·4	—1·9	—1·4
Bengal and Assam	—0·1	—2·2	—0·7	—1·9	—1·1
North-Western Provinces and Oudh	—1·3	—1·2	—2·2	—3·4	—2·1
Punjab	—3·1	—0·5	—0·1	—3·5	—1·7
Bombay	+0·3	—0·3	—1·0	—0·9	—0·7
Central Provinces and Berar	—1·4	—1·4	—1·5	—1·0	—1·3
Guzerat and Central India	—3·5	—1·1	—1·0	—1·3	—1·7
Sind and Rajputana	—2·7	+1·0	—0·1	0	—0·3
Madras	+0·3	—0·2	—0·9	—2·0	—1·0

The mean minimum temperature of the month was below the normal over the whole of India except the Indus Valley. The deficiency was less than 2° in amount except at

Meerut (—2·3°), Sutna (—2·1°), Dacca (—2·2°), and Chittagong (—2·0°). The mean maximum temperature varied to a larger extent from the normal. It was in excess in Upper Sind and the South-West Punjab by small amounts and in defect in all other districts. The deficiency was more than 2° in amount over nearly the whole of Northern India and in the Madras coast districts, and slightly exceeded 4° in the South-East Punjab and eastern districts of the North-Western Provinces. The mean temperature of the month was hence slightly above the normal in the Indus Valley, and was below it over the rest of India. The deficiency exceeded 2° in those districts for which data are given in the following table:—

PROVINCE.	Station.	Variation of mean maximum temperature of month from normal.	Variation of mean minimum temperature of month from normal.	Variation of mean temperature of month from normal.
EAST PUNJAB	Rawal Pindi	—4·5°	—1·5°	—3·0°
	Lahore	—4·9	—1·5	—3·2
	Ludhiana	—4·2	—1·0	—2·6
EAST NORTH-WESTERN PROVINCES.	Agra	—2·8	—1·5	—2·2
	Sutna	—2·4	—2·1	—2·3
	Benares	—4·2	—0·5	—2·4
	Gorakhpur	—4·5	—0·6	—2·6
	Lucknow	—4·0	—1·3	—2·7
	Allahabad	—2·8	—1·6	—2·2
SOUTH MADRAS COAST DISTRICTS	Madras	—2·4	—1·8	—2·1
	Negapatam	—3·6	—1·5	—2·6
	Madura	—3·1	—1·4	—2·3

The deficiency was greatest in the areas of heaviest rainfall and was considerably greater in the day than in the night temperature.

The highest maximum temperatures recorded during the month in the two hot areas were as follows:—

PROVINCE.	Station.	Highest maximum temperature of the month.
WEST PUNJAB AND UPPER SIND	Jacobabad	113·2°
	Mooltan	111·2°
	Montgomery	107·9°
SOUTH MADRAS	Trichinopoly	101·1°
	Madura	98·4°

August.—The temperature conditions of the month of August are very similar to those of the preceding month. August 1890 was a month of fairly steady rainfall over the greater part of the country, and the amounts registered during the month in Northern

India and the Central Provinces were generally in excess of the normal, whilst they were on the whole in defect to a moderate extent in the Peninsula. The following table gives the mean variations of the temperature from the normal week by week during the month:—

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING AUGUST				Difference of mean temperature of the month from the normal.
	4th.	11th.	18th.	25th.	
	°	°	°	°	°
Burma	+0·1	−1·2	+0·6	−1·1	−0·2
Bengal and Assam	−2·4	−0·1	+0·1	−1·4	−0·7
North-Western Provinces and Oudh	−3·7	−0·8	−0·6	−1·1	−0·9
Punjab	−2·5	−5·0	−0·6	−3·6	−2·6
Bombay	−1·7	−1·3	−1·1	−0·4	−0·9
Central Provinces and Berar	−0·6	+0·1	−2·9	−0·9	−0·9
Guzerat and Central India	−1·2	−0·1	−2·6	−1·3	−1·4
Sind and Rajputana	−0·3	−0·6	−2·8	−1·8	−1·3
Madras	−3·1	−1·3	−0·2	−1·2	−1·2

The mean maximum temperature of the month was below the normal except in Arakan and Central Burma, where it was above it to a small extent. The deficiency was less than 2° in other districts except Assam, Behar, and the Punjab and Sind, and was greatest in the North and Central Punjab and Sind, where the rainfall was unusually heavy. The deficiency was absolutely greatest at Sialkot (−6·7°) and Lahore (−5·3°).

The mean minimum temperature was below the normal generally, but the variations were less than 2° in amount except in the Punjab and at Hyderabad and Rajkot. They were greatest at Lahore (−3·0°) and Mooltan (−2·7°).

The mean temperature of the month was below the average in all districts. The deficiency was large in the Punjab (−2·6°) and moderate in Guzerat and Central India (−1·4°), Sind and Rajputana (−1·3°), and Madras (−1·2°), and was less than 1° for other districts.

The deficiency was more than 3° in amount at the following stations:—

STATION.	Variation of mean maximum temperature of month from normal.	Variation of mean minimum temperature of month from normal.	Variation of mean mean temperature of month from normal.
	°	°	°
Sialkot	−6·7	−2·3	−4·5
Lahore	−5·3	−3·0	−4·2
Rawalpindi	−4·2	−2·6	−3·4
Peshawar	−4·3	−2·3	−3·3
Hyderabad	−3·6	−2·6	−3·1

The hottest part of India during the month included Upper Sind and the South-West Punjab. The following gives the highest maximum temperatures recorded at the observing stations in these areas during the month :—

PROVINCE.	STATION.	Highest maximum temperature of the month.
		°
Upper Sind	Jacobabad	107·4
West Punjab	Montgomery	105·9
	Dera Ismail Khan . . .	105·5
	Mooltan	104·2

These maximum temperatures were recorded on the 1st or 2nd of the month before the very heavy rainfall which diminished temperature in the Punjab largely below the normal.

September.—The temperature conditions over the greater part of the country are similar to those of the preceding two months, rainfall as hitherto being the chief determining factor. The rains usually cease in Upper India during the month, and there is a tendency to a slight increase in temperature for a short time afterwards.

An almost complete break in the rains set in at the beginning of the month, and lasted until the 12th, when general rain recommenced and continued until the end of the month except in North-Western India, where the rains ceased about the 20th. Hence temperature increased rapidly during the first ten days of the month and was considerably in excess. It then decreased, and was generally below the normal from the 15th to the end of the month. The following gives variation data for the 11th and 27th, days fairly representative of the two periods :—

PROVINCE.	Variation of mean maximum from normal on 11th.	Variation of mean minimum from normal on 11th.	Variation of mean temperature from normal on 11th.	Variation of mean maximum from normal on 27th.	Variation of mean minimum from normal on 27th.	Variation of mean temperature from normal on 27th.
	°	°	°	°	°	°
Burma	+2·3	+1·3	+1·8	—0·4	—1·2	—0·8
Bengal and Assam	+1·5	+0·6	+1·1	—4·2	—4·1	—4·2
North-Western Provinces and Oudh	+8·1	—0·7	+3·7	—9·4	—3·5	—6·5
Punjab	+5·4	—4·2	+0·6	—5·5	+0·8	—2·4
Rajputana and Sind . . .	+7·5	+1·3	+4·4	—0·5	+0·5	0
Central India and Guzerat . .	+8·0	+1·6	+4·8	—7·0	—1·3	—4·2
Central Provinces . . .	+6·5	+2·6	+4·6	—9·3	—1·4	—5·4
Bombay	+0·3	+0·3	+0·3	—0·6	—1·3	—1·0
Madras	+0·4	+0·6	+0·5	+0·6	—0·7	—0·1

The variations of the mean temperature from the normal from week to week and for the whole month are given below:—

Province.	Difference of mean temperature from normal for week ending September				Difference of mean temperature of the month from the normal.
	8th.	15th.	22nd.	29th.	
	°	°	°	°	°
Burma	+0·7	+0·4	—0·6	—1·1	—0·1
Bengal and Assam	+2·1	+0·9	—0·5	—3·7	—0·3
North-Western Provinces and Oudh	+2·5	+1·7	—1·0	—4·2	—0·3
Punjab	+0·2	—0·4	+1·3	+0·3	+0·2
Bombay	—0·1	—0·4	—0·3	—0·8	—0·4
Central Provinces and Berar	+1·7	+2·3	+0·7	—3·6	+0·1
Guzerat and Central India	—0·2	+1·6	—0·1	—2·0	—0·2
Sind and Rajputana	+1·0	+1·5	+1·3	—0·4	+0·7
Madras	—0·2	—0·7	—1·3	—0·7	—0·7

The mean maximum or day temperature of the month was in moderate excess in Upper India and was generally below it in other districts. The variations were greater than 2° at the following stations:—

Station.	Mean variation of maximum from normal.
Ajmere	+3·7°
Deesa	+2·0
Mooltan	+2·7
Jeypore	+2·7
Neemuch	+2·6
Jacobabad	+2·5
Dhubri	—2·1
Bellary	—2·1
Madura	—2·1

The mean minimum temperature was generally in defect, but the variations were small and only exceeded 2° at Jacobabad (—2·3°), Ajmere (+2·6°), Khandwa (+2·1°) and Mercara (—2·8°). The mean temperature of the month was in slight excess in South-East Bengal, Rajputana, Central India and the South-West Punjab, but the variations were everywhere small in amount, and in the majority of cases less than a degree.

October.—During the first fortnight of the month temperature was generally above the average in consequence of the slight rainfall. The excess was most marked in North-Western India, where it steadily ranged from 1° to 5° from the 1st until the 13th. Three storms formed in the Bay during the last three weeks of the month. The first advanced to the coast of the Circars and Ganjam and gave moderate to heavy rain in those districts and Bengal. The second advanced into Bengal and gave heavy rain in that area on the 23rd and 24th. The third advanced across Southern Madras and gave heavy rain to the south of the Peninsula from the 27th to the 29th. Weather was disturbed, with light showers in the Punjab, from the 20th to the 22nd. This was followed by a cool wave which extended eastwards from the North Punjab. Temperature was hence more or less below the normal over the whole of India during this period except in South Madras, where temperature was above the mean of the period until the 26th, when it fell rapidly after the rainfall of the last storm of the month.

The following table giving the variations of the mean temperature from the normal from week to week and for the whole month shew the chief features of the temperature changes during the month :—

Province.	Difference of mean temperature from normal for week ending October				Difference of mean temperature of the month from the normal.
	6th.	13th.	20th.	27th.	
Burma	+1°·4	−1°·2	−1°·5	−0°·9	−0°·7
Bengal	−0·6	−0·2	−2·9	−1·0	−1·1
North-Western Provinces	−1·0	+1·3	−1·6	−2·1	−0·9
Punjab	+1·2	+1·7	−0·6	−2·9	−0·6
Bombay	+0·6	+0·2	−0·1	−0·5	−0·1
Central Provinces and Berar	−0·5	+0·6	−0·1	−1·1	−0·5
Guzerat and Central India	+0·1	+1·3	−0·3	−3·0	−0 9
Sind and Rajputana	+1·3	+1·6	+0·6	−1·7	−0·2
Madras	−0·1	−0·7	+0·7	+1·0	+0·3

The mean maximum temperature of the month was below the normal in North-Eastern India and Burma and the west coast districts. The deficiency exceeded 2° in Central and North Bengal and Behar and was greatest at Purneah (−3·2°) and Bogra (−3·3°). The excess in other districts was small except in a portion of the Deccan and Madras, defined by the following stations :—

Station.	Mean variation of maximum from normal.
Malegaon	+3°·4
Akola	+2·7
Secunderabad	+2·3
Madras	+2·8
Salem	+2·5
Sholapur	+3·0
Poona	+2·8

The mean minimum temperature varied less from the normal than the maximum, and was in defect over the whole of India except the west coast districts of the Bay.

The mean temperature of the month was in defect except in a belt of country stretching from Upper Sind and the South-West Punjab to the Coromandel coast. The excess of temperature in this area was greatest at Ajmere (+3·2°), Mooltan (+2·5°), Salem (1·7°) and Sholapur (1·6°). The deficiency in other districts was generally small in amount except in the East Punjab and North Bengal, and was less than 2° except at Berhampore (—2·0°), Purneah (—2·2°), and Dinagepore (—2·1°).

November.—Temperature at the commencement of the month was more or less in defect over the whole of India except the Deccan and Madras, where it was in moderate excess. General rain shortly afterwards began to fall in the Peninsula, and temperature fell below the normal for a short time in the south of the Peninsula from the 5th to the 8th, when it again rose above it until the 14th. Fine clear weather prevailed generally in Northern India during the whole of this period, and temperature was steadily below the normal. It was during the greater part of this period above it in the Peninsula. A short interval of fine weather over the whole of India, lasting from the 15th to the 18th, followed, during which temperature increased above the normal in North-Western India. During the remainder of the month weather was very unsettled with frequent light rain in Beluchistan and Upper India. The rainfall was very slight in amount from 19th to the 23rd, and during this period temperature continued to increase in Upper India, and was 6° above the normal in the West Punjab, 10° above it at Quetta, and 5° above it at Jacobabad on the 22nd. The temperature conditions in Upper India during the remainder of the month was remarkable. The maximum or day temperature was steadily below the average by small amounts and the minimum above it by large amounts, and hence the mean temperature was considerably above the normal. The following gives mean temperature data for the Punjab, where these features were most strikingly exhibited. Corresponding temperature data for the Punjab hill station of Murree are also given to show the striking difference between the temperature conditions of the plains and hills in Northern India at this time :—

		VARIATION OF TEMPERATURE FROM NORMAL.							
		23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.
		°	°	°	°	°	°	°	°
Punjab	Maximum .	— 0·5	— 3·0	— 3·3	— 3·0	— 7·0	— 4·7	— 0·5	— 0·4
	Minimum .	+10·6	+10·4	+13·6	+11·6	+13·4	+11·9	+10·8	+13·3
Murree	Maximum .	— 0·4	— 7·2	—13·6	—12·3	— 9·2	— 2·1	+ 8·9	— 0·4
	Minimum .	— 9·6	—15·1	—13·5	—14·2	—11·7	— 9·7	— 3·8	— 9·7

Temperature was hence considerably in excess over nearly the whole of India during the last fortnight of the month. In the Central Provinces, Central India, Bombay and the Deccan, the excess was almost as strongly marked in the day as in the night temperature. In Upper India, Sind, Rajputana, and the Punjab, the excess was due to entirely different conditions, *viz.*, abnormally high excessive night temperature and slightly or moderately deficient day temperature. At the Punjab hill stations temperature was generally in defect. The preceding remarks are of importance as shewing that variations in the mean daily temperature in different parts of India of the same character and amount may be due to entirely different conditions, and may hence affect crops and health very differently.

The variations of the mean temperature from the normal from week to week and for the whole month are given in the following table:—

Province.	Difference of mean temperature from normal for week ending November.				Difference of mean temperature of the month from the normal.
	10th.	17th.	24th.	1st December.	
Burma	−0·9°	+0·2°	+0·5°	−1·0°	−0·4°
Bengal	−1·1	−1·2	−0·3	−1·3	−0·9
North-Western Provinces	−1·8	−1·3	+1·9	+2·6	+0·1
Punjab	−2·9	−1·7	+2·6	+4·4	+0·6
Bombay	+1·3	+0·5	+0·3	+0·1	+0·5
Central Provinces and Berar	+1·6	0	+2·7	+1·7	+1·2
Guzerat and Central India	+0·7	+0·1	+2·1	+3·3	+1·1
Sind and Rajputana	−1·3	+0·4	+3·0	+3·9	+1·1
Madras	+0·3	+0·6	−0·8	−0·5	0

The mean maximum or day temperature was below the normal in Bengal, Behar, and the greater part of the Punjab and Sind. The deficiency exceeded 2° in North Bengal and Behar and the South-West Central Punjab and Sind, and was greatest at Hyderabad (−3·3°) and Mooltan (−2·6°). It was above the normal in other districts. The mean maximum temperature of the month was more than 2° above the normal. At Indore (+3·1°), Malegaon (+2·7°), Khandwa and Jhansi (+2·6°), Deesa (+2·3°) and Akola (+2·2°). The mean minimum temperature of the month was generally above the normal in North-Western India and below it elsewhere. The excess was more than 3°, at Rawalpindi (+4·1°), Peshawar (+3·6°), Sirsa (+3·5°), and Ajmere (+5·1°), and was hence large in amount in the North Punjab and Central Rajputana. The excess in other districts was small in amount, except in those areas for which data are given below:—

Province.	Station.	Mean variation of minimum temperature from normal.
South-East Punjab	Sirsa	+2·4°
Rajputana and Central India	Ajmere	+3·3°
	Jhansi	+2·4°
	Neemuch	+2·2°
	Deesa	+2·0°
Khandesh and Berar	Malegaon	+2·2°
	Akola	+2·2°

The deficiency in other districts was small in amount, except in East and Central Bengal at Silchar (−3·5°), Dacca (−2·2°) and Calcutta (−2·0°).

The mean temperature of the month was below the normal in Burma, Assam, Bengal, Orissa, Behar, and the eastern districts of the North-Western Provinces, but the variations in almost all cases were less than 2° in amount. It averaged 1·3° in defect in Assam and 1·2° in Lower Bengal, and was 1·1° in excess in West Rajputana and 1° in the Central Provinces. The variations in other districts were small.

December.—The temperature conditions of the month were very similar to those of the second half of the previous month. The rainfall of the month was very deficient in Southern India, and the day and night temperature, and hence also the mean temperature, were considerably above the average in the Peninsula and Central India. The weather was, on the other hand, unusually unsettled in Upper India and Beluchistan, the chief periods of disturbance being from the 7th to the 9th, the 15th to the 17th, and the 25th to the 27th.

At the commencement of the month the mean daily temperature was below the normal by moderate amounts in Burma, Bengal and Assam, and also in Beluchistan and the Deccan, and above it in other districts, the excess being greatest in Central Rajputana at Ajmere (+10·9°). No change of importance occurred until the 10th, except that the area of greatest excess of temperature was transferred to the Central Provinces on the 7th.

The following gives temperature variation data of the 9th, a day typical of this period:—

PROVINCES.	Mean variation of maximum temperature of month from normal.	Mean variation of minimum temperature of month from normal.	Mean variation of mean temperature of month from normal.
	°	°	°
Burma	−1·3	− 2·9	−2·1
Bengal and Assam	+1·6	+ 2·2	+1·9
North-Western Provinces . . .	+3·9	+ 9·0	+6·5
Punjab	−2·2	+ 8·0	+2·9
Rajputana and Sind	−3·4	+ 3·8	+0·2
Central India and Guzerat . . .	+3·1	+ 8·1	+5·6
Central Provinces and Berar . . .	+4·7	+12·7	+8·7
Bombay	+1·0	+ 6·4	+3·7
Madras	+2·3	+ 2·3	+2·3

Temperature decreased over the whole of India for some days after the first disturbance, the fall being greatest in North-Western India. A moderate rise occurred on the 13th and 14th over the latter area, and temperature was generally slightly above the average during the next three days, the greatest excess of temperature being in the Central Provinces. The second disturbance caused a considerable reduction of temperature in Upper India on the 18th and 19th. Temperature increased at the same time in the Central Provinces and Central India, and was 10½° above the normal in the former area and 7° above it in the latter on the 20th. Temperature again increased in North-Western India on the 23rd and 24th, and was above it in all districts except Burma and the Punjab on the 25th. The last disturbance of the month caused a large reduction in the frontier districts on the 26th, on which day the mean temperature was 16·8° below the normal at Murree, 8·9° at Peshawar, and 12·8° at Quetta. This cool wave gradually extended over Northern India on the 27th and 28th, whilst temperature continued considerably above the normal in the Peninsula. The variations gradually became smaller in amount during the last three days of the month, but the distribution of temperature remained unchanged in its general character.

The following table gives the variations of the mean temperature from the normal from week to week during the month;—

PROVINCE.	DIFFERENCE OF MEAN TEMPERATURE FROM NORMAL FOR WEEK ENDING DECEMBER				Difference of mean temperature of the month from the normal.
	8th.	15th.	22nd.	29th.	
Burma	−1·7°	−1·4°	−2·2°	−1·2°	−1·7°
Bengal	+0·2	+2·0	+1·1	+0·5	+0·9
North-Western Provinces	+4·5	+0·8	+1·9	−1·0	+1·8
Punjab	+1·8	+0·6	−1·1	−3·7	−0·4
Bombay	+1·6	+1·8	+1·1	+2·6	+1·6
Central Provinces and Berar	+5·4	+5·8	+7·5	+4·3	+5·2
Guzerat and Central India	+5·5	+1·2	+2·7	−0·7	+2·3
Sind and Rajputana	+2·0	−0·7	−2·3	−2·7	−0·6
Madras	+2·2	+2·8	+2·7	+1·9	+2·2

The mean daily maximum temperature of the month was below the normal in Upper Burma, Assam, North Bengal, Punjab, Rajputana and Sind. The deficiency was large in Sind and the West Punjab, where it exceeded 6°, and was greatest at Jacobabad (—8·2°), Dera Ismail Khan (—7·9°) and Rawalpindi (—7·4°). It was greater at the hill stations and was —10·1° in amount at Quetta and —8·3° at Murree. The excess was over 3° in the greater part of the Central Provinces, the Deccan and Madras, and was greatest at Raipur (+4·3°), Salem (+4·3°), Trichinopoly (+4·1°) and Akola (+4·0°).

The mean minimum temperature of the month was above the normal except in Burma and Southern India. The deficiency was large in Lower Burma, more especially at Thayetmyo (—6·6°), Tounghoo (—4·7°), Rangoon (—3·0°).

The excess was large over the whole of North-Western and Central India and the Deccan, and exceeded 6° in the Central Provinces, Berar, and the North Punjab. It was actually greatest at Akola (+9·1°), Khandwa (+8·7°), and Nagpur (+7·8°).

The mean temperature of the month was considerably in defect in Burma (—1·7°), and Sind (—2·2°), and slightly in defect in Assam and the Punjab. It was slightly in excess in Bengal and Rajputana, considerably in excess in Bombay (+1·6°), the North-Western Provinces (+1·8°), Madras (+2 2°), Central India (2·3°), and largely in excess in the Central Provinces and Berar (+5·2°). The mean temperature of the month was upwards of 5° in excess at the following stations:—

STATION.	Mean variation of maximum temperature of month from normal.	Mean variation of minimum temperature of month from normal.	Mean variation of mean temperature of month from normal.
Akola	+4·0°	+9·1°	+6·6°
Khandwa	+3·8	+8·7	+6·3
Jubbulpore	+3·6	+7·6	+5·6
Raipur	+4·3	+6·5	+5·4
Hoshangabad	+3·2	+7·1	+5·2
Malegaon	+3·5	+6·7	+5·1

The deficiency in Burma was most marked at Thayetmyo (—3·4°) and Tounghoo (—3·1°).

Year.—The following gives a brief summary of the chief features of temperature in India during the year 1890. They were on the whole much less marked than those of the two preceding years.

The following gives a statement of some of the more important temperature features of the year.

The months of January and February were unusually dry and fine, and free from cold-weather storms in Northern India. Several small depressions crossed Northern India from west to east during this period, but they gave as a rule no rain. Hence ordinary. anti-cyclonic conditions obtained to a much greater extent than usual during this period The chief effect of these conditions is to give considerably higher day temperature than usual in the plains of Northern India, and generally, but not necessarily, slightly lower night temperature than usual.

The following gives mean temperature variations of different provinces in Northern and Central India for these two months:—

Province.	January.			February.		
	Variation of			Variation of		
	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.
Punjab	+4·5°	+0·6°	+2·6°	+3·1°	—1·6°	+0·8°
Sind	+4·8	+2·0	+3·4	+3·1	+4·0	+3·6
North-Western Provinces . .	+3·6	+0·7	+2·1	+1·2	—3·1	—1·0
Rajputana	+5·4	—0·1	+2·7	—0·2	—2·3	—1·3
Central India	+3·1	—1·7	+0·7	—0·6	—2·8	—1·7
Central Provinces	+1·8	—2·1	—0·2	—1·1	0	—0·6
Bihar	+1·7	+1·8	+1·8	—1·6	—0·6	—1·1
Bengal	+0·4	+1·7	+1·1	+2·5	+0·7	+1·6
Burma	+0·5	+2·9	+1·7	+0·5	+1·2	+0·9.
Mean of whole	+2·9	+0·6	+1·8	+0·8	—0·5	+0·2

The preceding data show that the day temperature in January was considerably above the average, and the night temperature was either normal or above it except in the Central Provinces and Central India. The low night temperature in that area was, however, the continuation of the abnormal temperature conditions of the months of October, November and December 1889, which were fully discussed in the report on the meteorology of that year.

The increased temperature was however far more largely exhibited at the hill stations. The occurrence of snowstorms in the hills always produces a very large temporary reductions of temperature for periods depending chiefly on the depth of the snowfall; and affects day and night temperature nearly equally. Hence the abnormal absence of cold-weather storms at the hill stations gives higher temperature than the mean, the excess of temperature being greatest at the highest and most northerly stations where snow storms are most frequent and severe.

The following gives temperature variation data for the hill stations in January and February 1890:—

HILL STATION.	JANUARY.			FEBRUARY.		
	Variation of			Variation of		
	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.
Leh	+6·2°	+5·0°	+4·3°	+3·1°	+6·1°	+4·8°
Kailang	+10·0	+5·2	+7·6	+5·2	+7·0	+6·1
Quetta	+7·5	+1·9	+4·7	+4·4	−1·3	+1·6
Murree	+7·5	+3·8	+5·7	+7·7	+6·3	+7·0
Simla	+4·2	+4·5	+4·4	+2·7	+3·2	+3·0
Chakrata	+6·6	+5·4	+3·7	+7·3	+5·0	+4·1
Ranikhet	+4·3	+3·3	+3·8	+3·6	+2·8	+3·2
Mount Abu	+3·2	+3·7	+3·5	+1·9	+3·2	+2·6
Pachmarhi	+1·9	−1·3	+0·3	+3·7	+1·2	+2·5

In both months the increase of temperature was greatest at the hill stations and in Sind and the Punjab, and decreased in amount eastwards and southwards. The temperature conditions of these months over Northern India probably represent the general character of the effect of persistent ordinary anti-cyclonic conditions in Northern India during these two months. As pointed out in previous reports it is necessary to discriminate carefully between what may be termed ordinary anti-cyclonic conditions in Northern India during the cold-weather months and the very strongly marked high pressure or anti-cyclonic conditions, which obtain after cold-weather storms which give general rain in the plains and snow in the hills.

The coolest day of the cold weather of 1889-90 in Upper India was the 26th of January.

The following table gives mean temperature data for that day:—

PROVINCE.	Average maximum temperature.	Average minimum temperature.	Average mean temperature.	Average range of temperature.
Punjab	67·8°	35·6°	51·7°	32·2°
Sind	77·7	45·3	61·5	32·4
Rajputana	72·1	34·7	53·4	37·4
North-Western Provinces	71·5	41·6	56·6	29·9
Bihar	72·9	48·0	60·5	24·9
Central India	72·7	39·0	55·9	33·7

The mean average temperature of that day in Northern and Central India was 56·4°, almost identical with the mean temperature of the coldest day of the preceding year, *viz.*, 56·6°. The mean range of temperature of that day in the same area was 31·7°.

Weather was slightly more disturbed than usual in Northern India during March, hence the mean maximum was in moderate defect over nearly the whole of India, and the minimum in excess except in the Punjab, where it was slightly in defect. Temperature was 0·2° in defect in Extra Tropical India, and 0·5° in excess in Tropical India.

The next two months were characterised on the whole by more strongly marked hot-weather conditions than usual. There were fewer series of thunderstorms and dust-storms than usual, and the rainfall was almost universally in defect. Weather was hence drier than usual, and the heat was less frequently relieved by storms which cool the air and hence both the day and night temperatures were more or less above the average over the whole of Northern and Central India. The increased temperature was, as might be expected under these circumstances, as largely exhibited in the minimum or night temperature as it was in the day temperature. The following gives temperature variation data of those two months for Northern and Central India:—

District.	April.			May.		
	Variation of			Variation of		
	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.
	°	°	°	°	°	°
Punjab	+0·5	+1·2	+0·9	+1·2	+1·4	+1·3
Sind	+1·1	+1·6	+1·4	0	—0·4	—0·2
Rajputana	+1·0	+2·3	+1·7	+1·5	+2·7	+2·1
North-Western Provinces	+0·5	+0·6	+0·6	+1·9	+1·3	+1·6
Central India	—0·1	+1·0	+0·5	+1·3	+1·3	+1·3
Bihar	+0·3	+0·4	+0·4	+1·0	+0·7	+0·9
Central Provinces	—0·8	+1·2	+0·2	+2·2	+1·6	+1·9
Bengal	—0·6	+0·7	+0·1	+1·3	+0·7	+1·0
Mean of whole	+0·2	+1·1	+0·8	+1·3	+1·2	+1·3

The previous remarks have indicated that temperature increased more slowly than usual in March and somewhat more rapidly than usual in the latter half of April and in May. The hottest week of this period and of the whole year was the fourth week of May. As usually happens in Upper India the hottest day of the year (the 25th of May) was the culmination of a period of rapidly increasing temperature in Northern India. The following gives data for Jacobabad, Agra and Montgomery, stations representative of the hottest districts of Sind, the North-Western Provinces and the Punjab. The data for Pachpadra, the hottest station in Rajputana are wanting, as the maximum thermometer was in bad order at that time.

Date.	Jacobabad.			Montgomery.			Agra.		
	Maximum.	Minimum.	Variation of mean temperature from normal.	Maximum.	Minimum.	Variation of mean temperature from normal.	Maximum.	Minimum.	Variation of mean temperature from normal.
	°	°	°	°	°		°	°	°
May 23rd, 1890	115·6	77·2	+2·1	108·9	75·6	?	108·0	83·9	+ 1·4
„ 24th, „	120·0	80·2	+5·5	115·4	81·6	?	111·5	83·9	+ 3·2
„ 25th, „	121·5	82·2	+7·3	119·4	84·5	?	115·0	84·4	+ 4·8
„ 26th, „	122·5	83·1	+8·1	120·4	88·5	?	116·5	95·4	+11·0

The following gives mean temperature data of Northern and Central India for the 25th of May, the hottest day of the year 1890:—

Province.	Mean maximum temperature of day.	Mean minimum temperature of day.	Variation of			Mean diurnal range.
			Mean maximum from normal of day.	Mean minimum from normal of day.	Mean from normal of day.	
Punjab	114·8°	84·6°	+10·4°	+9·5°	+10·0°	30·2°
North-Western Provinces . .	111·5	86·7	+ 5·9	+7·3	+ 6·6	24·8
Sind and Rajputana . . .	109·9	84·6	+ 5·1	+5·7	+ 5·4	25·3
Guzerat and Central India . .	105·7	81·8	+ 3·3	+3·0	+ 3·2	23·9
Central Provinces	110·8	84·7	+ 4·0	+4·6	+ 4·3	26·1

The rains set in early in June and continued with even greater steadiness than usual from June to the end of August, and were more abundant than usual except in the following areas:—Burma, West and Central Rajputana, the Deccan and Southern India, where they were in moderate defect. Temperature was hence more or less in defect during the whole of the period from June to the end of August, the defect being nearly as large in the night as in the day temperature in the coast districts. In the interior, where rainfall is less frequent and is occasionally interrupted by brief periods of sunny weather, and therefore of moderately high day temperature, increased rainfall, more especially if due to more frequent and persistent precipitation than usual, will evidently produce a greater effect on the mean maximum than on the mean minimum temperature. The effect will also, other conditions being equal, be greatest in the drier districts of Northern and Central India, where the breaks in the rains are of most frequent occurrence. The following temperature data of the months of June, July and August 1890 illustrate these remarks:—.

District.	June.			July.			August.		
	Variation of			Variation of			Variation of		
	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.
Punjab	—0·6°	+1·3°	+0·4°	—2·2°	—0·4°	—1·3°	—3·1°	—2·0°	—2·6°
Rajputana	—0·4	+1·0	+0·3	—0·7	+0·1	—0·3	0	—0·4	—0·2
Central India	—1·5	—0·4	—1·0	—2·7	—1·3	—2·0	—0·9	—1·2	—1·1
North-Western Provinces . .	—2·8	—0·3	—1·6	—3·0	—1·1	—2·1	—1·0	—0·6	—0·8
Central Provinces	—1·6	—0·5	—1·1	—1·8	—0·7	—1·3	—1·2	—0·6	—0·9
Bihar	—2·2	—0·6	—1·4	—2·1	—1·1	—1·6	—2·1	—1·0	—1·6
Bengal	—1·1	—0·4	—0·8	—1·3	—0·5	—0·9	—0·7	—0·4	—0·6
Lower Burma	—0·1	—0·2	—0·2	—1·4	—1·3	—1·4	+0·2	—0·5	—0·2
Mean of Northern and Central India	—1·3	0	—0·7	—1·9	—0·8	—1·4	—0·9	—0·8	—0·9

A break in the rains commenced in the beginning of September and lasted until the

14th. During the remainder of the month a succession of cyclonic storms advanced from the Bay and gave frequent rain. The rainfall of the month was practically normal in amount. It was in slight excess in Assam, the Central Provinces and North-Western Provinces, and normal or in slight to moderate defect in other districts. The mean temperature conditions in the month hence differed little from the normal.

Hence it would appear that from the beginning of the year up to the month of September the variations of temperature were rather the products of the weather (*i.e.*, of the distribution and character of the rainfall and of the occurrence and non-occurrence of storms) than the factors, conditions or causes of the chief features of the weather.

The meteorological conditions of the month of October did not differ much from the normal, and hence the variations of the temperature from the normal were small in that month as in September over India.

The most remarkable temperature variations of the year occurred during the months of November and December. The Bay of Bengal was singularly free from cyclonic storms in these months, and not a single storm of any importance crossed the Madras coast from the Bay of Bengal during the last three months of the year. This unusual immunity from storms in Southern India at this period accompanied very cloudy and disturbed weather in Upper India and in the hill districts. In Upper India the night temperature was largely in excess, whilst the day temperature was below the normal by smaller amounts. On the other hand, in Central India, the Central Provinces and the Deccan, the day and night temperatures were in moderate or large excess. Hence over the greater part of India temperature was considerably above the normal.

The following table gives temperature variation data of the larger provinces in Northern and Central India for the two months of November and December:—

DISTRICT.	NOVEMBER.			DECEMBER.		
	Variation of			Variation of		
	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.	Mean maximum from normal.	Mean minimum from normal.	Mean from normal.
Punjab	−1°·3	+2°·6	+0°·6	−5°·8	+5°·0	−0°·4
Rajputana	+1·5	+2·7	+2·1	−1·7	+3·6	+1·0
Central India	+1·2	+0·4	+0·8	+2·4	+4·2	+3·3
North-Western Provinces	+0·4	+0·4	+0·4	−0·4	+4·1	+1·9
Central Provinces	+1·3	+1·1	+1·2	+3·3	+7·1	+5·2
Bihar	−0·6	−0·9	−0·8	+1·0	+1·9	+1·5
Bengal	−0·9	−0·8	−0·9	+0·2	+1·3	+0·8
Burma	+0·1	−0·9	−0·4	0	−3·2	−1·6
Mean of whole	+0·2	+0·6	+0·4	−0·1	+3·0	+1·5

The preceding data show the general character of the temperature variations of these months. In Upper India where the weather was cloudy with occasional rain the day temperature was as much below the normal as the night temperature was above it. In

Central India and the Central Provinces, where the weather was fine with light to moderate cloud, both day and night temperatures were considerably above the normal, the excess being greatest in the night or minimum temperature.

The abnormal conditions in Central India and Central Provinces were most strongly shown in the third week of December. The following gives mean temperature variation data for the period, December 17th to the 22nd, and the mean cloud at 8 A.M.

DATE.	VARIATION OF		Mean cloud amount at 8 A.M.	Mean humidity.
	Maximum temperature.	Minimum temperature.		
	°	°	°	°
17th	+5·0	+ 6·7	3·0	78
18th	+4·4	+ 8·5	3·0	79
19th	+4·6	+12·3	4·3	84
20th	+5·1	+12·7	1·4	82
21st	+7·0	+14·0	2·2	79
22nd	+7·0	+14·0	3·5	77

Light thunder showers it may be noted were received on every day during the period in some part or other of the Central Provinces. The most remarkable feature of this period was the excessive humidity. Thus, on the 20th the average humidity was 82, and on the 21st, 79. It was evidently the combination of great humidity, moderate and partial cloud (chiefly at night) with sunshine during the greater part of the day which gave excessive night temperature and moderately high day temperature to that area in December.

The humidity conditions became more normal during the next few days, and the temperature conditions changed rapidly. The following gives corresponding data for the 30th and 31st of December and 1st of January:—

DATE.	VARIATION OF		Mean humidity at 8 A.M.	Mean cloud, at 8 A.M.
	Maximum temperature.	Minimum temperature.		
	°	°		
30th December 1890 . . .	+2·5	0	65	4·7
31st „ „ . . .	+ 1·5	−1·3	59	5·3
1st January 1891 . . .	+0·9	−2·0	63	0·6

The more important variations of the mean temperature of Extra-Tropical and Tropical India and also of the whole of India month by month are shown in the following table:—

METEOROLOGICAL AREA.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Extra Tropical India .	+2·0	+2·6	−0·2	+1·1	+1·1	−0·2	−1·2	−1·2	−0·1	−0·1	−0·2	+0·7	+0·4
Tropical India . .	−0·2	+0·6	+0·5	−0·2	+0·2	−0·7	−0·9	−0·7	−0·7	−0·4	0	+1·7	−0·1
Whole of India . .	+0·9	+1·6	+0·2	+0·4	+0·6	−0·5	−1·1	−1·0	−0·4	−0·2	−0·1	+1·2	+0·1

The mean temperature of the year of the whole of India was very slightly above the normal (0·1°). Temperature was in excess during the first five months of the year, and below it during the next months, and above it in December. The excess was more than 1° in February (+1·6°), and in December (+1·2°). In the former month it was chiefly due to high temperature in Northern India and in December to very high temperature in Tropical India. The deficiency was 1° or upwards in two months, *viz.*, July (—1·1°) and August (—1·0°).

The following table gives the variations of the mean temperature of the whole of India, month by month:—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of stations . .	85	85	84	83	83	84	84	86	87	87	85	87	85
Mean	+0·9	+1·6	+0·2	+0·4	+0·6	—0·5	—1·1	—1·0	—0·4	—0·2	—0·1	+1·2	+0·1

and the following table the progressive variations of the mean annual temperature of the past 15 years:—

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Number of stations.	72	72	74	74	70	106	110	113	122	122	118	122	126	127	81	85
Mean anomaly.	—0·29	—0·08	+0·17	+0·62	—0·13	+0·13	—0·01	—0·11	—0·48	—0·61	—0·29	+0·08	—0·23	+0·36	+0·86	+0·13
Progressive variation.	...	+0·21	+0·25	+0·45	—0·75	+0·26	—0·14	—0·10	—0·37	—0·13	+0·32	+0·37	—0·31	+0·59	+0·50	—0·73

ATMOSPHERIC PRESSURE.

With the exceptions noted below[1] all the barometers are mercurial barometers on Fortin's principle. They have all been compared directly or indirectly with the Calcutta standard. All the barometric readings (with the exception of those of Madras) have been corrected to the Calcutta standard. The Ceylon barometers have been verified at Colombo, by comparison with a standard tested by Messrs. Negretti and Zambra, who compare with the standard at Kew. A correction of +·011 inch has been applied to their registers, therefore, to bring them up to the values of the Calcutta standard.

At all the observatories the barometers are kept in masonry buildings, to protect them as much as possible from changes of temperature. The elevations of all the barometers have been ascertained with such accuracy as was possible. In the large majority of cases they have been referred to datum levels determined by the Great Trigonometrical Survey of India. In Northern India they have been obtained, for the most part, by lines of spirit levels connected with the main line of levels between Kurrachee and Calcutta. Elsewhere, the elevations of the Great Trigonometrical Survey stations measured trigonometrically, or those of the lines of railway, have been adopted as reference data; only those of Chanda, Kailang and Pithoragarh have been barometrically determined. For further details the reader is referred to Tables I and II.

Table V (Appendix A) gives an abstract of the barometric observations of 1890, *viz.* the monthly means of the readings at each hour of observation and of the day, the monthly mean diurnal range between 10 A.M. and 4 P.M., the highest and lowest readings of each month and of the year, and the extreme monthly and annual ranges. The mean pressures have been obtained at all stations except Aden, Zanzibar, Wellington, Kandy and Newera Eliya by taking the means of 10 and 16 hours observations with additive corrections for each month, derived from the observations of the same or a neighbouring station.

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[1] Casella's observatory barometers on the Kew principle (*i.e.*, with a contracted scale to compensate changes of level in the cistern) were in use during the year 1889 at the following observatories:—

Aden.
Mooltan.
Silchar.
Dacca.
Chittagong.
Hoshangabad.
Nowgong.
Ratnagiri.
Mercara to 10th January.
Akyab.
Mergui.
Cocos Island.

At Bombay, Calcutta, Madras, and Rangoon (from 1st January to 31st March and from 29th August to 1st October 1890) large Newman's standards on Fortin's principle, with adjustable scales and tubes of more than 0·5″ diameter, are in use.

Casella's small observatory standards on Fortin's principle, with tubes of 0·4 inch in diameter, were in use at the following observatories in the year 1890:—

Zanzibar.
Chamba.
Peshawar.
Murree.
Lahore.
Ludhiana.
Lucknow.
Roorkee.
Meerut.
Agra.
Allahabad.
Sibsagar.
Dhubri.
Darjeeling.
Pedong.
Durbhunga.
Patna.
Hazaribagh.
Berhampore.
Burdwan.
Saugor Island.
Cuttack.
False Point.
Nagpur.
Jubbulpore (from 20th February).
Khandwa.
Raipur.
Sambalpur.
Sironcha.
Mount Abu (from 25th January).
Buldana.
Akola.
Sutna.
Ajmere.
Jacobabad.
Kurrachee.
Belgaum.
Deesa (from 22nd January).
Poona.
Sholapur.
Bellary.
Cochin.
Secunderabad.
Trichinopoly.
Diamond Island.
Port Blair.
Rangoon (from 1st April to 28th August and from 2nd October).

At stations in the Central Provinces, Central India, Rajputana and Bombay other than those named above, portable mountain barometers on Fortin's principle, with tubes of about 0·25 inch diameter, were in use in 1890.

Table VI (Appendix A) gives the mean pressure of each month reduced to its sea-level value, by means of the elevations given in Table I (*ante*), and the temperatures obtained by taking the means of those in Tables III and V of the Appendix A. The readings of the hill stations are not included in this table. The isobars on the charts, Plates II to IV, are laid down from these values.

Table XV, below, gives the average monthly and annual pressures corrected to the Calcutta standard at stations that have furnished trustworthy readings during four years and upwards. In all cases in which, during the period included, there has been any change in the elevation of the barometer, a correction has been applied to the former means, to bring them to their equivalent values at their present actual levels. These cases are not numerous, nor, as a rule, are the changes more than a few feet.

Table XVI shows the differences of the means of 1890 and the averages of Table XV.

Table XVII gives a geographical summary of the anomalies of Table XVI, similar in form to the corresponding table of temperature anomalies.

TABLE XV.—*Average monthly mean pressures of 85 stations in India and Ceylon, etc.*

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . .	16	23·861	23·834	23·849	23·824	23·785	23·716	23·693	23·741	23·826	23·913	23·924	23·907	23·823
Chamba . .	6—7	27·004	26·984	26·931	26·861	26·779	26·642	26·605	26·660	26·800	26·949	27·025	27·047	26·857
Kailang . .	7—8	20·753	20·744	20·812	20·808	20·781	20·710	20·651	20·665	20·748	20·808	20·824	20·823	20·761
Simla . . .	16	23·068	23·041	23·067	23·052	23·015	22·948	22·924	22·965	23·043	23·120	23·119	23·101	23·039
Peshawar . .	16	28·943	28·908	28·814	28·691	28·549	28·381	28·359	28·430	28·583	28·780	28·904	28·963	28·692
Lahore . .	17—18	29·328	29·285	29·170	29·044	·915	·770	·773	·846	·969	29·152	29·298	29·351	29·075
Ludhiana . .	16	·203	·159	·056	28·927	·813	·680	·684	·748	·875	·044	·165	·220	28·965
Mooltan . .	16	·627	·585	·465	29·334	29·189	29·037	29·022	29·097	29·235	·435	·588	·647	29·355
Jacobabad . .	16	·869	·821	·686	·553	·411	·257	·233	·322	·467	·666	·815	·888	·582
Kurrachee . .	16	30·010	·981	·878	·779	·651	·516	·483	·571	·700	·853	·961	30·027	·784
Jeypore . .	16	28·579	28·542	28·449	28·349	28·245	28·131	28·118	28·186	28·295	28·459	28·559	28·605	28·376
Ajmere . .	16	·408	·373	·283	·185	·082	27·982	27·951	·020	·125	·292	·395	·435	·211
Mount Abu . .	9—13	26·132	26·112	26·074	26·032	25·958	25·857	25·811	25·864	25·970	26·098	26·141	26·148	26·016
Chakrata . .	16	23·262	23·231	23·252	23·241	23·200	23·129	23·102	23·146	23·223	23·304	23·314	23·306	23·226
Ranikhet . .	17—18	24·110	24·084	24·085	24·063	24·016	·936	·926	·956	24·030	24·116	24·154	24·142	24·052
Pithoragarh . .	16	·760	·733	·720	·682	·636	24·545	24·536	24·566	·644	·740	·789	·785	·678
Dehra . .	16	27·744	27·707	27·635	27·542	27·469	27·352	27·350	27·406	27·505	27·654	27·743	27·771	27·573

TABLE XV.—*Average monthly mean pressures of 85 stations in India and Ceylon, &c.*—continued.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Roorkee . .	16	29·113	29·068	28·960	28·835	28·741	28·613	28·622	28·688	28·797	28·966	29·083	29·132	28·885
Meerut . .	17—18	·284	·232	29·117	·995	·883	·759	·767	·833	·940	29·118	·246	·298	29·039
Agra . . .	16	·480	·435	·317	29·192	29·079	·954	·958	29·027	29·141	·314	·442	·501	·237
Lucknow . .	18—19	·670	·614	·498	·368	·272	29·150	29·155	·223	·329	·500	·631	·687	·425
Allahabad . .	16	·731	·678	·554	·426	·324	·202	·209	·275	·381	·558	·684	·748	·481
Ghazipur . .	16	·821	·761	·638	·503	·413	·294	·296	·354	·464	·635	·762	·834	·565
Nowgong . .	16	·267	·229	·113	28·996	28·888	28·773	28·776	28·840	28·944	·108	·229	·282	·037
Sutna . . .	16	28·967	28·930	28·821	·706	·600	·490	·486	·550	·655	28·823	28·935	28·985	28·746
Darbhanga . .	16	29·876	29·812	29·690	29·572	29·504	29·383	29·380	29·437	29·543	29·706	29·820	29·884	29·634
Patna . . .	22—23	·866	·801	·677	·556	·468	·349	·355	·417	·517	·684	·817	·880	·616
Hazaribagh .	22—24	27·980	27·939	27·866	27·774	27·687	27·577	27·569	27·620	27·711	27·867	27·965	27·959	27·793
Darjeeling . .	21—23	22·957	22·934	22·947	22·938	22·914	22·859	22·861	22·899	22·959	23·019	23·032	23·003	22·944
Pedong . .	4—6	25·310	25·281	25·282	25·215	25·195	25·097	25·094	25·133	25·221	25·319	25·372	25·354	25·239
Berhampore .	23	29·963	29·900	29·789	29·677	29·603	29·486	29·488	29·550	29·646	29·793	29·912	29·970	29·731
Burdwan . .	17—18	·936	·879	·760	·650	·575	·462	·455	·515	·615	·765	·883	·942	·703
Calcutta (*Alipore*)	38	30·016	·952	·855	·750	·661	·546	·538	·596	·686	·835	·961	30·021	·785
Saugor Island .	23—24	·006	·948	·858	·756	·671	·548	·537	·591	·683	·828	·951	·016	·783
Dacca . .	22—24	·006	·953	·856	·762	·693	·580	·571	·622	·712	·839	·948	·008	·796
Chittagong . .	19—20	29·945	·905	·830	·748	·672	·567	·559	·605	·682	·786	·875	29·935	·759
Dhubri . .	16	·925	·868	·755	·658	·603	·500	·483	·533	·633	·767	·856	·918	·708
Sibsagar . .	17	·732	·670	·589	·498	·426	·307	·286	·332	·429	·567	·676	·730	·520
Silchar . .	20—22	·933	·887	·805	·723	·650	·539	·526	·575	·658	·775	·874	·932	·740
False Point . .	24	30·029	·975	·886	·782	·692	·575	·567	·622	·700	·845	·973	30·036	·807
Cuttack . .	23	29·958	·898	·802	·696	·609	·501	·500	·551	·635	·783	·907	29·966	·734
Sambalpur . .	15—16	·541	·485	·379	·265	·170	·078	·092	·137	·223	·372	·484	·545	·314
Raipur . .	15—16	·027	28·985	28·890	28·782	28·682	28·603	28·599	28·652	28·732	28·889	28·993	·042	28·823
Khandwa . .	16	28·935	·898	·823	·732	·645	·568	·560	·616	·697	·826	·917	28·954	·764
Hoshangabad .	16	·992	·951	·864	·765	·674	·586	·578	·635	·713	·860	·964	29·010	·799
Jubbulpore . .	21—22	·655	·622	·534	·431	·334	·236	·226	·286	·372	·530	·644	28·679	·462
Nagpur . .	22	·955	·910	·823	·723	·634	·563	·561	·612	·678	·821	·935	·979	·766
Chanda . .	16	29·365	29·312	29·220	29·118	29·027	·975	·982	29·028	29·094	29·227	29·329	29·382	29·172
Sironcha . .	15—16	·621	·583	·491	·390	·301	29·256	29·276	·294	·355	·473	·570	·627	·436
Chikalda . .	14—15	26·415	26·391	26·353	26·287	26·219	26·128	26·102	26·141	26·219	26 340	26·399	26·424	26 285
Buldana . .	16	27·843	27·815	27·761	27·683	27·617	27·540	27·529	27·574	27·644	27·756	27·830	27·861	27 704

TABLE XV.—*Average monthly mean pressures of 85 stations in India and Ceylon, &c.*—concluded.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Akola	16	29·056	29·014	28·933	28·838	28·759	28·690	28·691	28·742	28·812	28·936	29·029	29·075	28·881
Deesa	16	·539	·506	29·424	29·327	29·228	29·123	29·097	29·173	29·283	29·417	·509	·550	29·348
Bombay	44	·952	·924	·876	·811	·766	·669	·668	·727	·785	·842	·910	·948	·823
Poona	16	28·133	28·100	28·056	27·991	27·946	27·876	27·874	27·915	27·974	28·045	28·101	28·143	28·013
Sholapur	16	·387	·349	·288	28·204	28·150	28·117	28·121	28·152	28·207	·279	·340	·389	·249
Ratnagiri	16	29·854	29·833	29·791	29·727	29·689	29·632	29·644	29·680	29·724	29·755	29·797	29·838	29·747
Karwar	13	·918	·906	·870	·812	·773	·747	·764	·784	·818	·832	·859	·899	·832
Belgaum	15—16	27·436	27·417	27·384	27·324	27·291	27·249	27·251	27·275	27·315	27·356	27·397	27·434	27·344
Secunderabad	20—21	28·183	28·152	28·097	28·029	·956	·918	·919	·948	·994	28·075	28·146	28·194	28·051
Vizagapatam	21	29·993	29·951	29·877	29·789	29·686	29·592	29·593	29·634	29·697	29·818	29·930	29·995	29·796
Bellary	20	28·480	28·443	28·387	28·320	28·277	28·266	28·281	28·299	28·334	28·382	28·443	28·485	28·366
Madras	31	29·992	29·968	29·908	29·823	29·735	29·701	29·722	29·747	29·774	29·839	29·919	29·975	29·842
Salem	21	·055	·037	28·988	28·923	28·879	28·870	28·882	28·896	28·922	28·944	28·999	·041	28·953
Mercara	15—16	26·259	26·254	26·240	26·202	26·179	26·158	26·164	26·172	26·193	26·203	26·224	26·243	26·208
Trichinopoly	20—21	29·723	29·707	29·661	29·584	29·535	29·516	29·530	29·544	29·567	29·601	29·659	29·705	29·611
Cochin	18—20	·921	·917	·898	·853	·834	·855	·871	·876	·892	·888	·897	·915	·885
Wellington	17—19	24·269	24·277	24·274	24·239	24·203	24·165	24·168	24·175	24·195	24·217	24·242	24·263	24·224
Newera Eliya	17—19	·042	·042	·053	·031	·020	·054	·007	·008	·022	·028	·043	·046	·033
Kandy	18—20	28·238	28·234	28·217	28·173	28·153	28·161	28·173	28·174	28·192	28·200	28·202	28·218	28·194
Jaffna*	18	29·909	29·947	29·900	29·839	29·832	29·765	29·792	29·790	29·825	29·850	29·891	29·939	29·857
Trincomalee	17—20	·877	·872	·831	·761	·709	·693	·716	·719	·747	·776	·815	·848	·780
Batticaloa	17—19	·946	·935	·896	·832	·789	·777	·851	·796	·825	·841	·880	·904	·856
Galle	18—20	·869	·867	·846	·805	·796	·802	·826	·818	·847	·843	·843	·852	·835
Colombo	19—20	·880	·880	·859	·816	·804	·816	·841	·831	·855	·855	·858	·867	·847
Hambantota	17—18	·856	·850	·840	·807	·779	·774	·789	·781	·809	·815	·839	·840	·815
Akyab	23—24	·998	·954	·903	·832	·761	·677	·672	·708	·764	·853	·936	·990	·837
Diamond Island	16	·964	·936	·888	·826	·768	·724	·738	·749	·787	·844	·894	·941	·838
Rangoon	16	·952	·913	·868	·803	·758	·738	·737	·757	·786	·847	·896	·938	·833
Mergui	16	·853	·851	·815	·767	·747	·738	·747	·749	·772	·790	·812	·838	·790
Port Blair	21—23	·893	·888	·857	·801	·752	·725	·746	·748	·781	·808	·843	·872	·810
Quetta	9—12	24·658	24·644	24·618	24·584	24·541	24·432	24·383	24·437	24·553	24·678	24·721	24·702	24·579
Leh	15—16	19·626	19·589	19·664	19·677	19·684	19·639	19·596	19·625	19·686	19·732	19·727	19·698	19·662
Katmandu	7—9	25·693	25·653	25·626	25·562	25·508	25·400	25·392	25·438	25·541	25·650	25·708	25·705	25·573
Aden	9—11	29·944	29·917	29·864	29·795	29·721	29·606	29·561	29·592	29·689	29·833	29·909	29·953	29·782

TABLE XVI.—*Comparison of monthly mean pressures in 1890 with the averages of Table XV.*

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	—·013	+·018	—·047	+·009	+·014	+·008	—·059	+·017	—·001	—·012	+·024	—·035	—·007
Chamba	—·048	—·006	—·043	—·022	—·051	—·050	—·044	+·026	—·005	—·006	+·028	—·017	—·020
Kailang	+·024	+·050	—·032	+·009	+·012	—·003	—·029	+·019	+·025	+·003	+·033	—·017	+·008
Simla	—·026	+·023	—·066	—·010	—·017	—·034	—·046	—·006	—·011	—·008	+·027	—·025	—·016
Peshawar	—·042	+·002	—·027	+·020	—·027	—·035	—·053	+·029	—·009	+·005	+·050	—·002	—·008
Lahore	—·060	—·006	—·028	—·014	—·041	—·030	—·042	+·023	—·007	—·005	+·019	—·020	—·018
Ludhiana	—·068	—·009	—·034	—·007	—·050	—·035	—·051	+·020	—·020	—·014	+·023	—·028	—·023
Mooltan	—·047	0	—·025	—·007	—·038	—·040	—·036	+·043	—·003	—·013	+·021	—·001	—·012
Jacobabad	—·047	+·003	—·029	—·029	—·025	—·037	—·038	+·030	+·003	+·001	+·032	+·014	—·010
Kurrachee	—·048	—·012	—·047	—·017	—·012	—·051	—·032	+·019	+·007	—·001	+·007	—·003	—·016
Jeypore	—·034	+·003	—·040	—·001	—·022	—·026	—·031	+·035	—·001	—·001	+·028	—·020	—·009
Ajmere	—·034	+·006	—·047	—·003	—·010	—·029	—·038	+·033	+·002	—·007	+·014	—·023	—·011
Mount Abu	?	+·025	—·030	+·009	—·005	—·028	—·027	+·026	+·009	+·009	+·026	—·003	?
Chakrata	+·055?	+·065?	+·017?	+·042?	—·010	—·034	—·047	—·001	—·010	—·011	+·016	+·001	+·007?
Ranikhet	—·044	+·023	—·033	+·001	+·005	—·038	—·039	+·013	—·001	+·010	+·024	+·002	—·006
Pithoragarh	—·008	+·039	—·007	+·022	+·012	—·001	—·019	+·030	+·023	+·024	+·033	+·012	+·013
Dehra	—·048	—·011	—·041	—·021	—·039	—·042	—·047	+·020	0	—·005	+·021	—·028	—·020
Roorkee	—·059	—·015	—·034	—·012	—·032	—·025	—·039	+·018	+·005	—·002	+·027	—·018	—·016
Meerut	—·055	—·003	—·025	+·001	—·016	—·013	—·021	+·030	+·015	+·008	+·027	—·010	—·005
Agra	—·045	—·002	—·039	—·001	—·030	—·032	—·019	+·039	+·003	+·009	+·042	—·009	—·007
Lucknow	—·058	—·013	—·048	—·012	—·036	—·041	—·029	+·030	+·003	—·002	+·023	—·026	—·017
Allahabad	—·059	—·010	—·043	—·002	—·022	—·021	—·010	+·035	—·001	+·005	+·036	—·016	—·009
Ghazipur	—·047	—·003	—·032	+·003	—·012	0	0	+·047	+·006	+·007	+·057	—·008	+·002
Nowgong	—·054	—·019	—·044	+·003	—·021	—·034	—·016	+·031	—·011	+·002	+·019	—·025	—·014
Sutna	—·038	—·011	—·061	—·007	—·033	—·031	—·014	+·019	—·017	—·006	+·018	—·029	—·018
Darbhanga	—·058	—·017	—·057	+·001	—·021	—·001	—·017	+·035	+·008	+·003	+·043	—·018	—·008
Patna	—·075	—·023	—·060	—·018	—·035	—·019	—·031	+·016	—·005	—·001	+·030	—·034	—·021
Hazaribagh	—·056	+·003	—·043	—·002	—·022	—·008	—·013	+·020	—·003	0	+·027	+·021	—·006
Darjeeling	—·032	+·012	—·077	—·014	—·021	—·026	—·021	—·008	—·021	—·005	+·008	—·036	—·020
Pedong	?	?	?	?	?	?	?	?	—·006	—·015	+·005	—·026	?
Berhampore	—·068	—·012	—·054	—·011	—·021	—·005	—·016	+·022	0	—·001	+·033	—·016	—·012
Burdwan	—·076	—·027	—·050	—·023	—·036	—·014	—·023	+·033	+·003	+·003	+·044	—·004	—·019
Calcutta (*Alipore*)	—·072	—·006	—·052	—·018	—·023	+·005	—·002	+·035	+·010	+·006	+·033	—·015	—·008
Saugor Island	—·064	—·005	—·048	—·013	—·026	+·006	—·002	+·036	+·004	+·007	+·034	—·017	—·007
Dacca	—·073	—·020	—·057	—·007	—·024	0	—·009	+·036	+·003	+·001	+·027	—·018	—·012

TABLE XVI.—*Comparison of monthly mean pressures in 1890 with the averages of Table XV*—concluded.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chittagong	— 070	—·023	—·053	—·012	—·034	0	—·003	+·036	—·004	+·009	+·042	0	—·009
Dhubri	—·069	—·034	—·089	—·008	—·032	—·017	—·028	+·013	—·004	—·012	+·039	—·020	—·022
Sibsagar	—·057	—·028	—·073	—·015	—·036	—·011	—·022	+·011	+·007	+·002	+·026	—·062	—·022
Silchar	—·067	—·029	—·062	—·009	—·038	—·002	—·014	+·020	—·012	—·004	+·023	—·018	—·018
False Point	—·071	—·011	—·059	—·019	—·047	—·013	—·008	+·012	—·026	—·006	+·025	—·025	—·021
Cuttack	—·062	—·005	— 050	—·013	—·044	—·002	+·002	+·024	—·019	—·004	+·034	—·019	—·013
Sambalpur	—·057	?	—·027	+·028	—·041	+·002	+·004	+·032	—·024	+·005	+·045	—·009	?
Raipur	—·047	—·017	—·051	—·001	—·034	—·010	+·006	+·027	—·031	—·007	+·025	—·016	—·013
Khandwa	—·009	+·003	—·045	—·007	—·006	—·024	—·004	+·041	—·010	+·008	+·018	—·016	—·004
Hoshangabad	—·031	—·008	—·054	—·008	—·019	—·021	—·007	+·038	—·009	+·011	+·023	—·020	—·009
Jubbulpore	—·019	+·010	—·045	+·005	—·017	—·014	+·001	+·037	—·006	+·017	+·025	—·008	—·001
Nagpur	—·027	0	—·043	+·007	—·027	+·001	+·017	+·042	—·005	+·023	+·034	—·005	+·001
Chanda	—·030	—·002	—·042	+·007	—·023	—·009	+·015	+·031	—·022	+·004	+·029	—·007	—·004
Sironcha	—·045	—·019	—·062	—·017	—·058	—·035	—·019	+·005	—·049	—·019	+·019	—·025	—·027
Chikalda	—·038	—·009	—·065	—·017	—·029	—·035	—·018	+·020	—·030	+·004	+·024	—·002	—·016
Buldana	—·020	+·009	—·048	—·010	—·012	—·017	—·004	+·031	—·022	—·001	+·010	—·022	—·009
Akola	—·034	—·013	—·052	—·012	—·020	—·021	0	+·035	—·018	+·003	+·024	—·012	— 010
Deesa	—·033	+ 002	—·034	—·012	—·007	—·033	—·019	+·029	0	—·001	+·006	—·023	—·010
Bombay	—·030	—·006	—·023	—·014	+·003	—·025	+·013	+·041	+·012	+·026	+·018	+·010	+·002
Poona	—·014	+·015	—·020	+·003	+·005	—·015	+·009	+·041	+·003	+·016	+·033	+·006	+·007
Sholapur	—·035	—·007	—·035	—·007	—·019	—·025	—·001	+·026	—·018	—·001	+·032	—·001	—·008
Ratnagiri	—·028	—·006	—·024	0	+·016	—·009	+·018	+·048	+·012	+·027	+·043	+·030	—·011
Karwar	—·038	—·010	—·036	—·010	+·009	—·014	+·019	+·043	+·005	+·024	+·043	+·016	+·004
Belgaum	—·032	—·001	?	—·008	—·008	—·025	+·003	+·024	—·015	+·004	+·021	+·006	?
Secunderabad	—·017	+·013	—·030	—·005	—·025	—·019	+·006	+·026	—·028	+·004	+·033	+·006	—·003
Vizagapatam	—·049	—·002	—·041	—·006	—·044	—·003	+·024	+·021	—·033	0	+·048	0	—·007
Bellary	—·020	+·020	—·030	+·002	—·008	—·020	+·001	+·020	—·014	+·009	+·039	+·020	+·002
Madras	—·045	0	—·050	—·007	—·034	—·007	+·022	+·025	—·020	+·003	+·035	+·015	—·005
Salem	—·044	—·011	—·053	—·024	—·034	—·029	+·006	+·015	—·006	+·016	+·035	+·023	—·009
Mercara	—·051	+·002	—·033	—·011	—·009	—·025	—·005	+·006	—·020	+·014	+·026	+·020	—·007
Trichinopoly	—·025	+·008	—·048	—·012	—·038	—·024	+·009	+·011	—·017	+·010	+·046	+·014	—·006
Cochin	—·013	+·014	—·026	?	?	—·022	+·010	+·012	—·009	+·017	+·031	+·020	?
Wellington	—·017	+·023	—·009	+·007	+·007	—·005	+·016	+·022	—·001	+·029	+·043	+·036	+·013
Newera Eliya	+·008	+·054	+·020	+·038	+·035	—·022	+·043	+ 033	+·022	+·049	+·055	+·051	+·032

TABLE XVI.—*Comparison of monthly mean pressures in 1890 with the averages of Table XV*—continued.

STATION.	January.	February.	March.	April.	Mey.	June.	July.	August.	September.	October.	November.	December.	Year.
Kandy	−·044	−·003	−·043	−·005	?	−·026	+·007	+·001	−·014	+·015	+·028	+·006	?
Jaffna	?	+·003	−·041	?	?	?	?	?	?	?	?	?	?
Trincomalee	−·045	−·009	−·044	−·010	−·031	−·021	+·008	+·004	−·023	+·011	+·037	+·027	−·008
Batticaloa	−·052	−·014	−·037	−·008	−·021	−·027	?	+·001	−·018	+·014	+·030	?	?
Galle	−·028	+·014	−·020	+·009	−·002	−·026	+·015	+·009	0	+·030	+·045	+·027	+·006
Colombo	−·033	+·008	−·035	−·001	−·001	−·023	+·017	+·012	−·003	+·025	+·035	+·018	+·002
Hambantota	?	?	?	−·015	−·024	−·033	+·016	+·002	+·002	+·011	+·046	+·039	?
Akyab	−·069	−·014	−·045	−·010	−·036	−·001	+·008	+·033	−·010	+·009	+·041	−·007	−·008
Diamond Island	−·023	+·031	−·043	−·002	−·047	−·002	+·019	+·015	−·020	−·004	+·038	−·003	−·003
Rangoon	−·049	−·006	−·038	−·003	−·022	+·004	+·026	+·019	−·018	+·005	+·036	−·011	−·005
Mergui	−·058	−·029	−·050	−·013	−·023	−·011	+·018	−·004	−·024	−·012	+·028	−·003	−·015
Port Blair	−·059	−·019	−·040	−·001	−·018	−·002	+·022	+·010	−·014	+·006	+·043	+·023	−·004
Quetta	+·038	+·045	−·058	−·034	−·019	−·033	−·036	+·012	+·028	+·013	−·003	−·052	−·008
Leh	+·013	+·030	−·102	+·007	+·022	+·012	−·049	−·018	−·025	−·019	+·017	−·058	−·014
Katmandu	+·044?	+·075?	−·004?	+·071?	+·063?	+·041?	−·078?	−·057?	−·026	−·006	+·035	−·005	+·013?
Aden	−·030	−·030	−·059	−·018	+·008	−·036	−·004	+·032	−·006	+·017	+·003	−·028	−·013

TABLE XVII.—*Geographical Summary of the data of Table XVI.*

DISTRICT.	Number of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West Himalaya.	7—8	−·015	+·025	−·047	+·002	−·002	−·018	−·042	+·010	−·001	−·002	+·025	−·017	−·007
Sikkim Himalaya and Nepal.	2—3	+·006	+·044	−·041	+·029	+·021	+·008	−·050	−·033	−·018	−·009	+·016	−·022	−·004
Punjab Plains	4	−·054	−·003	−·029	−·002	−·039	−·035	−·046	+·029	−·010	−·006	+·028	−·013	−·016
Gangetic Plains	9	−·056	−·011	−·042	−·006	−·027	−·022	−·024	+·030	+·004	+·002	+·034	−·019	−·012
Western Rajputana	3—4	−·043	+·005	−·035	−·012	−·012	−·037	−·029	+·026	+·005	+·002	+·018	−·004	−·010
Eastern Rajputana and Central India.	4	−·040	−·005	−·048	−·002	−·022	−·030	−·025	+·030	−·007	−·003	+·020	−·024	−·013
Nerbudda Valley	3	−·020	+·002	−·048	−·003	−·014	−·020	−·003	+·039	−·008	+·012	+·022	−·015	−·005
Chota Nagpur	1	−·056	+·00	−·043	−·002	−·022	−·008	−·013	+·020	−·003	0	+·027	−·021	−·006
Lower Bengal	5	−·071	−·014	−·052	−·014	−·026	−·001	−·010	+·032	+·004	+·003	+·034	−·014	−·011
Assam and Cachar	3	−·064	−·030	−·075	−·011	−·035	−·010	−·021	+·015	−·003	−·005	+·029	−·034	−·020
Orissa and Sambalpur	2—3	−·063	−·008	−·045	−·001	−·044	−·004	−·001	+·023	−·023	−·002	+·035	−·018	−·013

TABLE XVII.—*Geographical Summary of the data of Table XVI*—concluded.

DISTRICT.	Number of stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Central Provinces, South, and Berar.	7	—·034	—·007	—·052	—·006	—·029	—·018	0	+·027	—·025	+·001	+·024	—·013	—·011
Konkan. . .	3	—·032	—·007	—·028	—·008	+·009	—·016	+·017	+·044	+·010	+·026	+·035	+·019	+·006
Malabar Coast .	1	—·013	+·014	—·026	?	?	—·022	+·010	+·012	—·009	+·017	+·031	+·020	?
Deccan, Hyderabad and Mysore.	5—6	—·028	+·007	—·030	—·004	—·011	—·022	+·002	+·024	—·015	+·008	+·031	+·010	—·002
East Coast and Carnatic.	4	—·041	—·001	—·048	—·012	—·038	—·016	+·015	+·018	—·019	+·007	+·041	+·013	—·007
Ceylon . .	5—6	—·040	0	—·037	—·005	—·016	—·026	+·013	+·005	—·009	+·018	+·037	+·023	—·003
Arakan and Pegu .	4	—·053	—·003	—·045	—·007	—·035	0	+·013	+·026	—·013	+·005	+·039	—·005	—·007
Tenasserim . .	1	—·058	—·029	—·050	—·013	—·023	—·011	+·018	—·004	—·024	—·012	+·028	—·003	—·015
Bay Islands . .	1	—·059	—·019	—·040	—·001	—·018	—·002	+·022	+·010	—·014	+·006	+·043	+·023	—·004
Extra-Tropical .	...	—·041	+·002	—·047	—·003	—·022	—·017	—·026	+·017	—·004	—·001	+·025	—·014	—·011
Tropical . .	...	—·042	—·005	—·040	—·007	—·023	—·014	+·011	+·019	—·014	+·007	+·034	+·007	—·006
Whole of India .	...	—·042	—·002	—·044	—·004	—·022	—·016	—·008	+·018	—·009	+·003	+·030	—·004	—·009

The foregoing tables show the variations in the horizontal distribution of pressure. The variations in a vertical direction are shown very approximately by the differences of pressure between the hill stations and the adjacent plain stations.

The following Tables XVIII and XIX give the normal average differences of pressure and their variations from the normal values month by month, in 1890, at ten hill stations, and the nearest stations on the plains below, *viz.*, six stations in the Himalayas, one in Western and three in Peninsular India—the averages being in no case taken from less than six years' data. The pairs of stations selected, together with their horizontal distances and differences of elevation, are as follows:—

PAIRS OF STATIONS.		Horizontal distance.	ELEVATION IN FEET.		Difference.
Hills.	Plains.		Upper.	Lower.	
I.—Murree	Rawalpindi . . .	30 miles.	6,344	1,652	4,692
II.—Simla	Ludhiana . . .	80 "	7,048	812	6,236
III.—Chakrata	Roorkee . . .	58 "	7,052	887	6,165
IV.—Ranikhet	Bareilly . . .	90 "	6,069	568	5,501
V.—Darjeeling	Dhubri . . .	116 "	7,421	115	7,306
VI.—Katmandu	Darbhanga . . .	100 "	4,388	166	4,222
VII.—Mount Abu . . .	Deesa	40 "	3,945	466	3,479
VIII.—Pachmarhi	Hoshangabad . .	48 "	3,511	1,020	2,491
IX.—Chikalda	Amraoti . . .	40 "	3,642	1,2[illegible]	2,429
X.—Wellington	Coimbatore . . .	20 "	6,200	1,348	4,852

TABLE XVIII.—*Average differences of pressure at Hill and Plain Stations.*

Pairs of stations, Hill and Plain districts.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
I.—Murree and Rawalpindi.	11	4·503	4·501	4·400	4·323	4·250	4·156	4·192	4·204	4·265	4·340	4·435	4·498	4·339
II.—Simla and Ludhiana.	16	6·135	6·118	5·989	5·875	5·798	5·732	5·760	5·783	5·832	5·924	6·046	6·119	5·926
III.—Chakrata and Roorkee.	16	5·851	5·837	5·708	5·594	5·541	5·484	5·520	5·542	5·574	5·662	5·769	5·826	5·659
IV.—Ranikhet and Bareilly.	11	5·360	5·329	5·218	5·117	5·075	5·032	5·044	5·062	5·095	5·177	5·281	5·343	5·178
V.—Darjeeling and Dhubri.	14—15	6·958	6·928	6·801	6·722	6·683	6·628	6·611	6·626	6·661	6·744	6·825	6·916	6·759
VI.—Katmandu and Darbhanga.	7—9	4·171	4·155	4·061	4·004	3·983	3·978	3·989	4·002	4·006	4·053	4·115	4·172	4·057
VII.—Mount Abu and Deesa.	12	3·407	3·394	3·350	3·295	3·270	3·266	3·286	3·309	3·313	3·319	3·368	3·402	3·332
VIII.—Pachmarhi and Hoshangabad.	11	2·476	2·465	2·412	2·378	2·361	2·364	2·378	2·380	2·384	2·407	2·455	2·480	2·412
IX.—Chikalda and Amraoti.	11	2·384	2·363	2·319	2·290	2·270	2·290	2·314	2·318	2·319	2·331	2·364	2·390	2·329
X.—Wellington and Coimbatore.	11	4·391	4·370	4·333	4·300	4·276	4·295	4·296	4·304	4·317	4·327	4·351	4·372	4·328

TABLE XIX.—*Comparison of pressure differences in 1890 with the corresponding averages of Table XVIII.*

Pairs of stations, hill and Plain districts.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
I.—Murree and Rawalpindi.	—·027	—·003	+·030	+·015	—·031	—·036	+·016	+·016	—·010	+·015	+·008	+·009	0
II.—Simla and Ludhiana.	—·042	—·032	+·032	+·003	—·033	—·001	—·005	+·026	—·009	—·006	—·004	—·003	—·007
III.—Chakrata and Roorkee.	—·114	—·080	—·051	—·053	—·022	+·009	+·008	+·019	+·015	+·009	+·011	—·019	—·023
IV.—Ranikhet and Bareilly.	—·025	—·033	+·006	—·002	—·024	+·013	+·005	+·007	—·052	+·007	+·007	—·027	—·010
V.—Darjeeling and Dhubri.	—·027	—·040	—·005	+·004	—·005	+·022	+·004	+·029	+·030	—·003	+·030	+·015	+·005
VI.—Katmandu and Darbhanga.	—·090	—·088	—·050	—·064	—·071	—·037	+·060	+·089	+·030	+·012	+·005	—·006	—·018
VII.—Mount Abu and Deesa.	?	—·023	—·004	—·021	—·002	—·005	+·008	+·003	—·009	—·010	—·020	—·020	?
VIII.—Pachmarhi and Hoshangabad.	—·034	—·042	—·014	—·021	—·021	—·003	—·002	+·007	+·004	0	—·020	—·038	—·015
IX.—Chikalda and Amraoti.	...	...	...	...	...	...	...	...	...	...	...	...	...
X.—Wellington and Coimbatore.	—·025	—·021	—·037	—·042	—·037	—·020	—·009	—·016	—·030	—·033	—·034	—·028	—·028

January.—The mean air pressure in India was steadily in excess during the first seven months of the year 1889. A change occurred in the middle of the south-west monsoon rains of that year which gave equally persistent deficient pressure for nearly a year over the Indian area. The following gives the amount of the deficiency, month by month, from August to December 1889:—

	Deficiency.
August	·016″
September	·004″
October	·030″
November	·037″
December	·016″

Pressure was still more largely in defect in January 1890. The deficiency averaged ·042″ for the whole of India. The following table gives the local pressure anomalies after allowance has been made for the general variation by adding ·042″:—

METEOROLOGICAL DISTRICT.	Anomaly (negative).	METEOROLOGICAL DISTRICT.	Anomaly (positive).
	″		″
Punjab	—·012	East Coast and Carnatic	+·001
North-Western Provinces	—·014	Ceylon	+·002
Chota Nàgpur	—·014	Deccan, Hyderabad and Mysore.	+·014
Bengal	—·029	Malabar	+·029
Assam	—·022	Konkan	+·010
Orissa and Sambalpur	—·021	Central Provinces and Berar	+·008
Arakan and Pegu	—·011		
Tenasserim	—·016		
Port Blair	—·017		

These figures show that pressure was locally deficient over the whole of Northern and North-Eastern India, Burma and the east of the Bay. The negative anomalies were greatest in Bengal and Behar at the following stations:—

STATION.	Pressure anomaly.
Patna	—·033″
Burdwan	—·034″
Calcutta	—·030″
Dacca	—·031″

and exceeded ·02″ over the whole of Bengal, Behar, Orissa and the eastern districts of the North-Western Provinces.

Pressure was least deficient, or the anomalies were positive in Central India and the Peninsula. The positive anomalies were greatest at the following stations in Western India and the Deccan:—

STATION.	Pressure anomaly.
Khandwa	+·033″
Indore	+·030″
Poona	+·028″
Secunderabad	+·025″
Bellary	+·022″
Cochin	+·029″

and exceeded ·02″ over the greater part of the Deccan, Central India, Berar, Khandesh and Malabar.

The mean pressure conditions of the month were hence very strongly marked, the chief being—

(1) General deficiency, the average amount for the whole of India being unusually large.

(2) Relative deficiency of pressure in North and North-East India, the deficiency being greatest in Bengal and Behar, and relative excess in Central India and the Peninsula, which was greatest in the Deccan and Central India. The abnormal gradient between the Central Deccan and Bengal was upwards of ·06″ in amount. This feature of the pressure conditions tended to strengthen the westerly winds in the Gangetic plain prevailing at this period.

Another noteworthy feature of the pressure distribution of the month was the increased pressure at the hill stations, more especially when compared with the neighbouring plain stations. The following table gives comparative data :—

HILL STATION.	Actual mean variation of pressure, January 1890.	NEIGHBOURING PLAIN STATION.	Actual mean variation of pressure, January 1890.
	″		″
Quetta	+·038	Jacobabad	—·047
Murree	—·013	Peshawar	—·042
Leh	+·013	Lahore	—·060
Kailang	+·024		
Simla	—·026	Ludhiana . . .	—·068
Darjeeling	—·032	Dhubri	—·069
Wellington	—·017	Trichinopoly . . .	—·025
Newera Eliya	+·008	Colombo	—·033

The preceding table shows that the deficiency was almost as large at the stations of 3,000 or 4,000 feet elevation as at the level of the adjacent plains. It was considerably less at the stations of 7,000 feet in the Himalayas, and at Quetta in Beluchistan and the stations of Kailang and Leh (over 10,000 feet in elevation) there was a slight excess of pressure. Increased pressure in the higher atmosphere over North-Western India and the adjacent mountain region usually accompanies an absence of storms in the cold weather months, more especially when the pressure is in defect at the level of the plains. The meteorology of the month of January 1890 is hence one more confirmation of this rule.

At the commencement of the month a large high pressure area overlay North-Western India, Central India and the North Deccan, and a second area of high pressure covered Assam. Pressure decreased slowly from these areas and was lowest on both coasts of the Peninsula and in the south of the Bay. Pressure was generally below the normal and was most deficient in Bengal. No change of importance occurred until the 10th, when a very shallow depression appeared in Sind. It gave moderate cloud, but no rain, on the 11th and 12th in Sind and Rajputana. It was very ill defined, but so far as can be judged from the barometric variations, it drifted across Northern India filling up as it advanced. After its disappearance on the 13th and 14th, the pressure conditions were for some days similar to those of the first ten days of the month. On the 20th, the first indications were given by observations in India of the advance of a depression across Beluchistan into India.

Depression and cold weather storm of January 20th to 26th.—This storm appears to have crossed Persia and Beluchistan. Baghdad had moderate showers on the 15th, 16th and 17th. The barometric and wind observations at that station are so doubtful that they cannot be utilized to establish the question of the origin or track of a storm. The Bushire observations indicate that a moderately deep depression passed a little to the north of that station on the 17th. The following gives the observations for the period 16th to 19th:—

DATE AND HOUR.	Barometer reduced to 32° sea-level and constant gravity.	Change in 24 hours.	Wind direction.	Amount of wind in 24 hours.	RAINFALL.
				Miles.	
16th, 8 A.M.	30·010″	—·025″	NE	39	*Nil.*
17th „	29·746″	—·264″	SE	117	*Nil.*
18th „	·895″	+·149″	N	433	*Nil.*
19th „	·977″	+·102″	N	141	*Nil.*

The large fall on the 17th is further confirmed by the log of the S. S. *Pemba*, which was at Linga on the 16th and in Latitude 26° 21′ N. and Longitude 51° 18′ E. or midway between Linga and Bushire at noon of the 17th. Her barometer fell from 30·00″ at noon of the 16th to 29·77″ at noon of the 17th, and wind which was from south-east during the day shifted suddenly to north-west at 6 P.M. She had, however, moderate breezes and fine weather throughout the day. Hence there appears to be sufficient evidence to establish that a depression crossed Persia on the 17th and 18th, and that the centre was perhaps near Bushire on the morning of the 17th. The available information, however, appears to establish that weather was not stormy, and that little or no rain fell in the storm area in South Persia. Squally weather was experienced on the 21st off the coast of Beluchistan by the S. S. *Calder* and *Mobile*. The former had strong north-west winds, heavy squalls and thick rain with thunder and lightning during the day, and the latter on the night of the 20th and morning of the 21st had fresh north-west winds with occasional rain-squalls and moderate sea in about Latitude 27° 5′ N. and Longitude 56° 25′ E. The barometer in the case of these two vessels was steady.

The first indications of the advance of the storm across Beluchistan into India were given by the observations of the 20th, which showed that the barometer was falling rapidly at Quetta and on the North-West Frontier. The following 8 A.M. observations of the 21st indicate that the disturbance was then entering Sind:—

STATION.	BAROMETER.			WIND.		Cloud.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	
Kurrachee	29·950″	—·014″	—·096″	SSE	8	1
Jacobabad	·932″	—·061″	—·112″	E	2	5
Quetta	?	—·016″	—·014″	S	3	10

Winds were increasing rather rapidly in force at Murree, and light showers had fallen in the North Punjab during the previous 24 hours. The disturbance and depression was in Rajputana on the morning of the 22nd. The following observations show its position at 8 A.M. of that day:—

STATION.	BAROMETER.			WIND.		Cloud.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	
Ajmere	29·956″	—·095″	—·087″	W	5	0
Sirsa	·897″	—·087″	—·150″	SE	4	6
Montgomery	?	—·020″	?	E	7	10
Jacobabad	·877″	—·055″	—·162″	NW	3	0
Bikaneer	·865″	—·092″	?	S	5	6

The centre of the depression was hence to the west of Bikaneer. No rain had fallen in Sind or Rajputana during the previous 24 hours. Light to moderate rain had been received in the North and East Punjab and snow in the hill districts, and a small and shallow subsidiary or secondary depression had formed in the East Punjab between Sialkot and the hills. The primary depression continued to advance in a west by south course during the day, and its position at 8 A.M. of the 23rd is defined by the following:—

STATION.	BAROMETER.			WIND.		Cloud.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	
Sutna	29·877″	—·102″	—·181″	WNW	3	0
Allahabad	·846″	—·110″	—·198″	SE	2	0
Lucknow	·851″	—·101″	—·192″	E	2	7

The secondary depression in the East Punjab had moved slightly eastwards, but had not developed. Winds were light and irregular to the north-west of the primary depression. Skies had cleared in Sind and Rajputana and clouded over in the western districts of the North-Western Provinces. Rain had fallen in the East Punjab, and snow or rain in the Punjab and North-Western Provinces hill districts.

The depression on the morning of the 24th was in Chutia Nagpur and South Behar. Its position and character are indicated by the following observations:—

STATION.	BAROMETER.			WIND.		Cloud.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	
Burdwan	29·793″	—·100″	—·237″	S	2	0
Berhampore	·792″	—·103″	—·235″	SSE	3	8
Purnea	·816″	—·080″	—·213″	ENE	2	8
Patna	·846″	—·029″	—·202″	N	3	10
Hazaribagh	·808″	—·077″	—·202″	WSW	8	0

The centre of the disturbance was probably in Latitude 24° N. and Longitude 87° E. Skies had cleared in the North-Western Provinces, but were now more or less clouded in Bengal and Assam. Light showers had been received at the hill stations of the North-Western Provinces and at Simla and near the hills in Bengal, Behar and Assam, but the amounts were generally very small.

The disturbance was in East Bengal on the morning of the 25th. The following observations define its position at that hour :—

Station.	Barometer. Corrected and reduced to 32° sea-level and constant gravity.	Barometer. Change since previous day.	Barometer. Variation from normal.	Wind. Direction.	Wind. Velocity in miles per hour.	Cloud.
Mymensingh	29·847″	—·008″	?	ESE	6	10
Bogra	·830″	+·012″	?	N	3	0
Jessore	·835″	+·008″	—180″	NNW	4	10
Dacca	·826″	—·010″	—188″	Calm	7	9
Barisal	·866″	+·015″	?	NW	3	8

Skies had cleared in West Bengal, Bihar and Chota Nagpur, but were now densely clouded in East Bengal and Assam. The depression was at this time passing through an area which had been characterised by very deficient pressure during the whole of the month, and it is not a little remarkable that the primary storm which had previously practically been rainless, gave a fairly general and heavy burst of rain to Bengal. The following gives a statement of the rainfall of the previous 24 hours in Bengal :—

Division.	No. of stations.	Average rainfall of 24 hours preceding 8 A.M.	Heaviest rainfall in area.
		Inches.	
East Bengal	42	0·43	2·54 inches at Dacca.
North Bengal	40	0·10	0·70 inch at Panch Bibi.
South-West Bengal	64	0·29	2·51 inches at Narail.

The disturbance apparently filled up rapidly during the next 24 hours and entered Upper Burma, where it gave some light showers.

The depression gave dust storms and much thunder and lightning in North-Western India and light to moderate thunder showers in North-Eastern India.

The following gives approximately the position of the centre and rate of motion at different dates :—

Date and hour.	Position of centre. Latitude, north.	Position of centre. Longitude, east.	Direction of motion.	Distance travelled since noon previous day.	Rate of motion per hour.
				Miles.	
17th, 8 A.M.	30°	50°			
21st „	28°	67°			
22nd „	28°	72½°	E	325	13 miles.
23rd „	25½°	81°	ESE	550	23 miles.
24th „	24°	87°	ESE	380	16 miles.
25th „	24°	91°	E	260	11 miles.

The following are noteworthy features of this storm :—

1st.—It almost certainly passed through Persia and Beluchistan.

2nd.—It crossed Northern India in an east by south track at a rate which varied considerably. Its rate was greatest when crossing Sind, Rajputana, the North-Western Provinces and Bihar.

3rd.—It was during the greater part of its existence a rainless storm and gave moderate cloud, much thunder and lightning and numerous dust storms in North-Western India.

4th.—When passing through Bengal, an area in which pressure had been for some weeks previous characterised by local deficiency, it gave a moderate and general burst of rain.

5th.—It gave rise to a small secondary storm and depression in the East Punjab, the formation of which accompanied the occurrence of moderate rain in that area and the adjacent hill districts.

February.—The mean pressure of India for the month of February was ·002″ in defect. The following table gives the mean local anomalies in different provinces :—

METEOROLOGICAL DISTRICT.	Anomaly (positive).	METEOROLOGICAL DISTRICT.	Anomaly (negative).
Rajputana	+·002″	Punjab	—·001″
Malabar	+·016″	North-Western Provinces and Bihar.	—·009″
Deccan, Hyderabad and Mysore.	+·009″	Lower Bengal . . .	—·012″
East Coast and Carnatic .	+·001″	Assam and Cachar . . .	—·028″
Ceylon	+·002″	Orissa and Sambalpur . .	—·006″
		Central Provinces, South and Berar.	—·005″
		Konkan	—·005″
		Arakan and Pegu . . .	—·001″
		Port Blair	—·017″

The preceding table indicates that the local pressure anomalies were in the great majority of cases small in amount. They exceeded ·02″ in Assam and East Bengal, as is shown more fully by the following data. :—

STATION.	Pressure anomaly.
Chittagong	—·021″
Dhubri	—·032″
Sibsagâr	—·026″
Silchar	—·027″

The most remarkable feature of the pressure conditions of the month was the large excess of pressure at the hill stations. The following table gives data :—

HILL STATION.	Actual mean variation of pressure, February 1890.	NEIGHBOURING PLAIN STATION.	Actual mean variation of pressure, February 1890.
Murree	+·018″	Peshawar	+·002″
Kailang	+·050″	Lahore	—·006″
Leh	+·038″		
Simla	+·023″	Ludhiana	—·009″
Ranikhet	+·023″	Lucknow	—·013″
Mount Abu . . .	+·025″	Deesa	+·002″
Darjeeling	+·012″	Dhubri	—·034″
Quetta	+·045″	Jacobabad	+·003″

The excess of pressure was, as in the previous month, greatest and most marked at the highest stations.

At the commencement of February the normal cold weather distribution of pressure existed and gradients were somewhat steeper than usual, as the disappearance of the storm of the last week of the previous month had been followed by a large increase of pressure. These conditions lasted until the 4th, when the barometer began to fall rapidly at Quetta and on the North-West Frontier.

Depression of the 5th to 7th.—The Bushire and Baghdad observations and the logs of vessels in the Persian Gulf at this time show that this depression did not cross Persia. The barometer fell upwards of a tenth of an inch in Sind and the West Punjab during the 24 hours preceding 8 A.M. of the 4th, the fall being almost identical in amount (*viz.* ·110″) over the whole of that area. The majority of the stations in the area of greatest fall reported calms at that hour. The barometer continued to fall rapidly on the North-West Frontier during the next 24 hours, and a shallow depression covered Sind and the West Punjab on the morning of the 5th. The following data show the character of the disturbance:—

STATION.	BAROMETER.			WIND.		Cloud.	Weather.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.		
Kurrachee	29·962″	—·107″	—·094″	N	9	1	Fine.
Hyderabad	·962″	—·108″	—·100″	SW	7	3	Fine.
Jacobabad	·943″	—·127″	—·130″	E	2	9	

The depression advanced eastwards into Rajputana during the next 24 hours and at 8 A.M. of the 6th the centre was near Bikaneer. The following gives observations at stations nearest the centre:—

STATION.	BAROMETER.			WIND.		Cloud.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	
Sirsa	29·982″	—·073″	—·068″	SE	5	3
Montgomery	?	—·042″	?	NE	9	5
Bikaneer	·923″	—·078″	?	S	5	4
Jacobabad	30·002″	+·059″	—·079″	NW	1	0
Ajmere	·068″	—·051″	—·009″	SW	3	0

The depression was less in amount than on the previous day. The disturbance continued to fill up and disappeared during the night of the 6th and morning of the 7th.

The disturbance gave no rain in the plains. Snow fell in the hill districts of the North Punjab and Beluchistan. The storm was throughout of small importance, and apparently originated near the North-West Frontier. During the brief period of its existence it marched in an east by north direction, a course occasionally adopted by depressions which originate in Beluchistan or North-Western India during the cold weather.

Pressure increased in Northern India after the disappearance of this depression and was largely in excess on the 8th and 9th. It decreased slowly and steadily during the next four days, and on the 13th varied from the normal by small amounts over the whole of India. Pressure began to give way rapidly on the North-West Frontier and in Beluchistan during the next 24 hours. This was followed by the advance of the only important cold weather storm of the month.

Depression and cold weather storm of the 14th to the 17th.—The Baghdad and Bushire observations and the logs of vessels navigating in the Persian Gulf furnish no evidence of the advance of a storm and depression across Persia at this period. It is hence very probable that the depression originated in the tableland of Eastern Persia and Beluchistan. The barometer fell rapidly at Mooltan, Jacobabad and Quetta on the 13th, and on the morning of the 14th, a depression covered Sind. The following show its character and position at 8 A.M. of the 14th:—

STATION.	BAROMETER.			WIND.			WEATHER.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	Cloud.	
Kurrachee	29·942″	—·041″	—·074″	W	8	5	Fine
Hyderabad	·929″	—·096″	—·091″	SW	6	10	
Jacobabad	·917″	—·105″	—·117″	E	2	4	Fine.
Quetta	?	—·100″	+·066″	SE	3	5	

Skies were partially clouded in Sind and the Punjab, and were clear in other provinces of Northern and Central India.

The barometer fell very rapidly in North-Western India during the next 24 hours and the depression intensified considerably, but was almost unchanged in position. The following gives wind and pressure data of the Sind stations and Quetta for 8 A.M. of the 15th:—

STATION.	BAROMETER.			WIND.		Cloud.	Weather.
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.		
Kurrachee	29·788″	—·154″	—·228″	WSW	12	4	Fine.
Hyderabad	·758°	—·171″	—·258″	SW	9	5	Fine.
Jacobabad	·725″	—·192″	—·301″	SE	1	8	
Quetta	?	—·083″	—·018″	NNW	4	8	Strong wind.

The depression was now apparently one of considerable intensity, and the centre was near Jacobabad. Pressure had however given way on the 13th and 14th over the whole of India, and hence the gradients in the storm area were only moderately steep. Heavy showers of rain had fallen in the East Punjab, and fairly general rain or snow in the hill districts of the Punjab and North-Western Provinces.

Skies cleared on the 16th in Sind, Rajputana and the West Punjab, and were partially clouded in the North-Western Provinces and East Punjab.

The disturbance passed eastwards into North and Central Bengal on the morning of the 17th. The following stations define the area of greatest barometric depression on that day :—

Station.	Barometer.			Wind.		
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.	Cloud.
Burdwan	29·708″	—·077″	—·270″	SW	3	0
Berhampore	·711″	—·075″	—·270″	SSE	3	0
Jessore	·703″	—·099″	—·267″	WSW	3	0
Dhubri	·727″	—·069″	—·265″	NE	4	0
Purnea	·704″	—·082″	—·274″	Calm	1	0

Skies were still much clouded in the North-Western Provinces, but had cleared in the Punjab. There was little or no cloud in Bengal. The depression filled up slowly in Bengal on the 17th and 18th, but pressure continued more or less below the normal during the remainder of the month.

Shallow depressions appeared in Sind on the 17th and on the 19th. They gave slight cloud in Sind, Guzerat and West Rajputana, but were of no importance, and filled up as rapidly as they formed.

A shallow depression formed in the western districts of the North-Western Provinces on the afternoon of the 24th. The disturbance gave thunder showers to the northern districts of the Central Provinces and eastern districts of Central India on the afternoon of the 24th, but was otherwise of no importance. This depression disappeared during the night of the 25th.

March.—The mean pressure of the month was considerably below the normal. The deficiency averaged ·044″ for the whole of India. The deficiency was very slightly larger (+·007″) in Extra-Tropical than in Tropical India. The following table gives the local pressure anomalies freed from the general variation :—

Meteorological district.	Anomaly (positive).	Meteorological district.	Anomaly (negative.)
Punjab	+·015″	East Rajputana and Central India	—·004″
N.-W. Provinces and Bihar	+·002″	Lower Bengal	—·008″
Western Rajputana	+·009″	Assam	—·031″
Konkan	+·016″	Orissa and Sambalpur	—·001″
Malabar	+·018″	Central Provinces, South and Berar.	—·008″
Deccan, Hyderabad and Mysore	+·014″	Carnatic	—·004″
Ceylon	+·007″	Arakan and Pegu	—·001″
Bay Islands	+·004″	Tenasserim	—·006″

The anomalies were hence positive over North-Western India and the Peninsula (except the eastern districts). The local excess of pressure was moderately large in Malabar, the North Deccan and Konkan, in each of which districts it was slightly less than ·02″. The following gives data for the stations at which it exceeded ·02″ :—

Meteorological district.	Station.	Pressure anomaly.
North Punjab . . .	Rawalpindi . . .	+·017″
	Peshawar . . .	+·017″
North Deccan . . .	Poona	+·024″
	Bombay . . .	+·021″
	Ratnagiri . . .	+·020″

The negative anomalies were small except in Assam and North Bengal, where they exceeded ·02″, *e.g.*,—

Station.	Pressure anomaly.
Dhubri	—·045″
Sibsagar	—·029″
Purnea	—·023″

Pressure was very deficient at the hill stations in the Western Himalayas. The following table gives the actual variations of the pressure at the hill stations and neighbouring plain stations:—

Hill Station.	Variation of mean pressure from normal, March 1890.	Neighbouring plain station.	Variation of mean pressure from normal, March 1890.	Variation of actual total vertical gradient from normal.
Leh . . .	—·102″	Lahore . . .	—·028″	+·074″
Murree . . .	—·047″	Rawalpindi . .	—·017″	+·030″
Simla . . .	—·066″	Ludhiana . . .	—·034″	+·032″
Ranikhet . . .	—·033″	Bareilly . . .	—·034″	—·001″
Darjeeling . . .	—·077″	Dhubri . . .	—·089″	—·012″
Mount Abu . .	—·030″	Deesa . . .	—·034″	—·004″

March was characterised by the occurrence of a large number of small disturbances and by frequent periods of light rainfall in Northern and Central India. Anticyclonic conditions obtained at the beginning of the month, but pressure was considerably below the normal in Upper India. A small depression appeared in Kathiawar on the 3rd. It drifted eastwards.

Depression of the 3rd to 7th March.—Pressure was increasing in Upper Sind and the Punjab on the 2nd. It increased slightly and unequally in Western India and decreased in Kathiawar and Guzerat during the next 24 hours. In consequence of these changes, a feeble depression lay over Guzerat and Kathiawar on the morning of the 3rd. It moved eastwards into Central India and the Central Provinces on the 4th, and into Bihar and the south-eastern districts of the North-Western Provinces on the 5th, and disappeared during the day. The depression was throughout a very feeble one, and the cyclonic circulation accompanying it was very imperfectly developed. The disturbance, notwithstanding, gave light to moderate rain to the East Punjab, North-Western Provinces, East Rajputana, Bihar, Central India and the eastern districts of the Central Provinces.

Pressure gave way rapidly on the 7th and 8th and small local disturbances appeared which gave thunder storms in Bengal, Guzerat and Southern India on the 9th. Slightly disturbed conditions, chiefly shown by very irregular barometric changes, continued until the 16th, during which period Assam and East Bengal received daily light showers. On the 17th a depression formed in Sind which gave a period of disturbed weather to Northern India until the 21st or 22nd.

Depression of the 17th to the 22nd.—The depression which had formed in Sind on the 17th intensified slightly during the next 24 hours. The pressure changes at this time show clearly that the depression had not advanced eastwards from Beluchistan, but was due to the large and somewhat irregular pressure changes of the period in North-Western India. The depression advanced slowly westwards into Western Rajputana on the 19th, and into the Central Provinces and Chota Nagpur on the 20th, and filled up in North-Eastern India on the 21st and 22nd. The weather was more or less disturbed (with thunder storms and dust storms) in Northern and Central India during the whole period. Scattered showers were received in the North-Western Provinces on the 18th, in Bengal, the North-Western Provinces and South-East Punjab on the 19th, in the East Punjab on the 20th, and in the North-Western Provinces and Punjab on the 21st, but the amounts were nowhere large.

The pressure changes continued to show the same irregularity during the next week. A deepish depression due to a rapid local decrease of pressure appeared on the 24th in the Punjab, which gave light rain to the whole Province. It filled up as rapidly as it formed.

Pressure increased rapidly in Upper India on the 30th and 31st, and anticyclonic conditions of high pressure, clear skies, light winds and rapidly increasing temperature were established for a brief period in Northern India.

The following gives a very brief statement of the more remarkable hot weather storms of the month:—

1st.—Dust storm at Sirsa from 7 to 8 P.M.

4th.—Hail storm at Sutna from 4-30 to 4-45 P.M.

5th.—Hail storm at Lahore at 7 P.M.

7th.—Hail storms at Akola and Yeotmal.

8th.—Dust storm at Hoshangabad from 5-28 to 5-38 P.M. (average wind velocity during storm 43 miles per hour).

13th.—Dust storm at Jacobabad at 5-30 P.M.

14th.—Dust storm with rain at Sibsagar (the greatest velocity of wind was 52 miles per hour at the beginning of the storm).

15th.—Dust storm at Sirsa from 3-50 to 4-50 P.M. from NNE. Dust storm at Delhi from 5-30 to 6 P.M.

17th.—Hail storm at Sibsagar at 9 A.M. Gale and dust storm at Bhuj.

19th.—Nor' wester at Burdwan from 5-30 to 5-45 P.M. Dust storm with severe gale of wind at Sirsa from 11-30 A.M. to 3-30 P.M.

20th.—Dust-storm at Cawnpore from 5 to 6 P.M.

22nd.—Hail storm at Sibsagar. Storm came from westward and lasted from 6-5 to 8 P.M. Hail fell from 6-5 to 6-17 P.M. The largest stones were three-quarters of an inch in diameter.

23rd.—Dust storm at Lahore at 3-45 A.M.

25th.—Severe thunderstorm at Akola.

28th.—Dust storm at Sirsa from 6 to 7 P.M.

April.—The mean pressure conditions of the month differed little from the normal in the plains. Pressure was ·003″ below the normal in Extra-Tropical India, and ·007″ below it in Tropical India, and ·004″ below it on the average of the whole of India. The local anomalies were also small and did not exceed ·02″ in amount at any station. The following gives the local pressure anomalies or variations freed from the general variation in the different meteorological districts of India.

METEOROLOGICAL DISTRICT.	Anomaly (positive).	METEOROLOGICAL DISTRICT.	Anomaly (negative).
Punjab	+·002″	North-Western Provinces	—·006″
Eastern Rajputana and Central India.	+·002″	Western Rajputana	—·008″
Chota Nagpur	+·002″	Lower Bengal	—·010″
Orissa	+·003″	Assam	—·007″
Deccan and Mysore	*Nil.*	Central Provinces	—·002″
Bay Islands	+·003″	Konkan	—·004″
		Carnatic	—·008″
		Ceylon	—·001″
		Arakan and Pegu	—·003″

The mean distribution of pressure during the month hence varied little from the normal. Pressure was lowest in a belt of country at the base of the hills from Sialkot and Lahore to Burdwan and Berhampore, and highest in the south-east and south of the Bay. The mean range of pressure was small in amount and less than ·12″. The most marked anomaly was the local deficieney of pressure in Bengal. It was small in amount compared with the deficiency in the same area in the preceding three months.

Pressure was in moderate defect at Quetta and varied slightly and somewhat irregularly at the Himalayan stations, thus shewing that the conditions at the level of the hill stations were normal as at the level of the plains.

Pressure at the beginning of the month was highest in the Punjab, but gradients were everywhere small and were diminishing in amount. Pressure conditions were slightly abnormal (chiefly indicated by irregularity of the barometric changes) on the 6th, and weather was disturbed with thunder storms in Upper India, the Central Provinces, Bengal and Burma. The barometer fell gradually on the 8th, 9th, 10th and 11th. The fall was most rapid in Upper India, and a low pressure area (in which pressure was ·15″ below the normal) appeared in the South-East Punjab on the 12th. It gave local thunder and dust storms in Upper India on the 12th and 13th, and filled up rapidly on the 13th. Pressure decreased on the 14th and 15th over nearly the whole Indian area, the fall being much greater in the Punjab than elsewhere. A depression covered the South-West Punjab on the 16th, and steep gradients obtained in Sind and Rajputana. On the 17th there were shallow depressions in Upper Sind, the South-East Punjab and Chutia Nagpur, and weather was generally disturbed with numerous thunder storms in the Punjab, North-western Provinces, Bengal, Assam and Central India. A shallow depression also appeared in the Gulf of Manaar on the 16th. These depressions all filled up on the 19th and 20th, but the pressure conditions were somewhat abnormal, the chief features being excessive pressure and strong easterly winds in Assam. Bengal, Malabar and Southern Madras received frequent showers during this period. On the 22nd and 23rd pressure gave way over nearly the whole of India, the decrease being very large in Upper India and in North-Eastern India. A low pressure area formed in the Punjab on the 24th and a second low pressure in Lower Bengal on the 25th. The barometric movements were very large and irregular during the next three days, and the weather was disturbed over the whole of India. Thunder storms occurred in all districts except Sind during this period, *i.e.*, from the 24th to the 27th. The disturbance extended into the hill districts and gave a moderately heavy fall of snow to the higher elevations of the Punjab Himalayas. This rainfall produced a very great temporary reduction of temperature, and was followed by a rapid increase of pressure on the 26th and 27th. Pressure was very uniform over the whole of India at the termination of this period of disturbed weather. It decreased during the remainder of the month, the fall being greatest in Northern India, and the pressure conditions at the end of the month differed little from the normal.

The following gives a brief statement of the chief hot weather storms of the month:—

2nd.—Dust storm at Lahore from 0-30 to 2 P.M. Violent dust storm at Sirsa from 6 to 7 P.M.

5th.—Severe hail storm at Dhubri. The storm blew first from south-west and then from south-east and lasted half an hour. The largest hail stones were about an inch in diameter. The storm advanced westwards across the village of Bennacherra where it was as violent as at Dhubri.

6th.—Severe hail storm at Jessore at 8 P.M. (from north). Thunder storm at Nagpur from 3 P.M. to 3-30 P.M.

7th.—Thunder storm at Khandwa from 5-20 to 6 P.M. (greatest velocity of wind was 40 miles per hour). Dust storm at Nagpur from 5 to 5-20 P.M.

11th.—Dust storm at Jacobabad at 5 P.M. (from north-west).

16th.—Thunder storm at Mount Abu at 7 P.M.

Dust storm at Hoshangabad from 6-30 to 7 P.M.

Severe dust and hail storm at Lahore from 3 to 4 P.M. Temperature fell from 102°·8 at 2 P.M. to 83° at 3-30 P.M.

Dust storm at Sirsa from 6-30 to 8-30 P.M.

17th.—Thunder storm at Chikalda from 7-30 to 9 A.M. Dust storm at Sutna from 10-15 to 11-15 A.M. Dust storm at Seoni at 11-30 A.M.

22nd.—Dust storm at Lahore from 2 to 2-30 P.M. Severe thunder storm at Poona from 10-7 to 11-2 P.M.

Dust storm at Raipur from 3-10 to 4 P.M.

Dust storm at Nagpur from 4 to 4-30 P.M.

23rd.—Dust storm at Hyderabad from 5 to 6-50 P.M. (the greatest wind velocity during the storm was 68 miles per hour).

24th.—Dust storm at Lahore from 8 to 9 P.M. Dust storm at Sirsa from 4 to 5 P.M.

Dust storm at Hyderabad from 2-30 to 5 P.M. (greatest wind velocity during the storm was 90 miles per hour).

25th.—Dust storm at Hoshangabad at 7-20 P.M. Severe hail storm at Khandwa from 4-30 to 4-45 P.M.

Dust storm at Mount Abu at 3-50 P.M.

Dust storm at Lahore from 12-35 to 2 P.M.

26th.—Hail storm at Mount Abu from 6-10 to 6-30 A.M. Dust storm at Sutna from 4-55 to 5-20 P.M.

May.—The mean pressure of the whole Indian land area was ·022" below the normal. The deficiency was on the average as large in amount in Tropical as in Extra-Tropical India.

The following table gives the local variations freed from the general variation:—

Meteorological District.	Anomaly (negative.)	Meteorological District.	Anomaly (positive).
Punjab	—·017"	Western Rajputana	+·010"
North-Western Provinces	—·005"	Eastern Rajputana and Central India.	*Nil.*
Lower Bengal	—·004"	Chota Nagpur	*Nil.*
Assam	—·013"	Konkan	+·031"
Orissa	—·022"	Deccan	+·011"
Central Provinces	—·007"	Ceylon	+·006"
Carnatic	—·016"	Bay Islands	+·004"
Arakan and Pegu	—·013"		

The chief features of the pressure distribution in May were—

1st.—Pressure was relatively in general defect or the barometric anomalies were negative to the north and east of a line running through Jacobabad, Jeypore, Nagpur and Bangalore. The deficiency was small in amount except at stations on the north-west and north-east coasts of the Bay, and hence probably over the north of the Bay. The following gives the largest negative anomalies:—

Station.	Pressure anomaly.	Station.	Pressure anomaly.
False Point	—·025"	Vizagapatam	—·022"
Cuttack	—·022"	Diamond Island	—·025"

2nd.—Pressure was in excess to the west of the line defined above. The positive anomalies were large in Bombay and the western districts of Central India. They exceeded ·03" at the following stations:—

Station.	Pressure anomaly.	Station.	Pressure anomaly.
Indore	+·035"	Karwar	+·031"
Ratnagiri	+·038"	Surat	+·036"
Rajkot	+·044"		

Pressure was deficient to a smaller extent at the hill stations in Northern India than at the neighbouring plain stations. The mean distribution differed considerably from the normal. Pressure was lowest in the Punjab and Upper Sind, where it was slightly below 29·6″. It exceeded 29·8″ in the Malabar, South Ceylon and the south of the Bay, and the range of pressure during the month averaged ·25″. Pressure was very uniform in the Gangetic Plain and Chota Nagpur, and gradients were steeper than usual in Western India.

Pressure on the 1st was excessive in Upper India (upwards of ·10″ above the normal) and in slight defect in the north of the Bay, Burma and Bengal. A very early advance of humid winds into the Andaman Sea commenced on the 2nd and 3rd, and extended slowly northwards. Heavy continuous rain began to fall at Mergui on the 4th, and continued during the remainder of the month. That station recorded 35·17 inches of rain between the 4th and 31st, rain falling on 25 days out of the 28 days of that period. Tavoy and Port Blair received heavy rain between the 6th and 11th, and again from the 18th to the end of the month. The first burst of humid monsoon winds into the Andaman Sea hence occurred quite at the beginning of May. Its advance northwards gave rise to the formation of a small cyclonic storm of considerable severity.

Depression and cyclonic storm of the 5th to the 9th May.—The observations of the 5th and 6th show that this storm originated to the east of the Great Andamans. The barometer had fallen slowly and steadily from the 1st in the Andaman Sea and east of the Bay of Bengal, but on the 5th it began to fall rapidly and winds to increase in force. The information from ships respecting this storm is unfortunately very small in amount. Weather was fine with light airs in the centre and south-west of the Bay, and squally with variable winds in the north of the Andaman Sea on the 4th and 5th. So far as can be judged, the storm formed on the 5th in about Lat. 12° N. and Long. 94° E.

On the morning of the 6th the observations show that the storm was of small extent but considerable severity, and that its centre was in about Lat. 13½° N. and Long. 93½° E. The S. S. *Euphrates* had dull weather with much lightning on the evening of the 6th off the Arakan coast. The S. S. *Coconada* proceeding south of the Arakan coast had squally weather.

The observations of the 7th show that the storm had continued to advance almost due northward, and that the centre at 8 A.M. was a little to the west of Diamond Island in Lat. 16° N. and Long. 93½° to 93¾° E.

The following gives wind and pressure observations of that hour in the storm area:—

NAME OF STATION OR VESSEL.	POSITION.		Barometer reduced to 32° sea-level at 45° gravity.	Variation from normal.	WIND.		Weather.
	Lat. N.	Long. E.			Direction.	Average velocity in miles per hour during previous 24 hours.	
			Inches.	Inches.			
Bassein	...	...	29·445	—·362	E	12	Raining.
Diamond Island	...	...	·310	—·520	S	20	Gale of wind.
S. S. *Euphrates*	17° 41′	94° 34′	·500	...	E	...	Light winds and cloudy.
S. S. *Umballa*	14° 41′	91° 20′	·430	...	NW to W	...	Heavy rain squalls.
Port Blair	...	...	·621	...	SW	15	Heavy rain.

The cyclonic storm was hence not of large extent. The depression at the centre was great as the barometer at Diamond Island 30 to 40 miles to the east of the centre was upwards of half an inch below the normal at 8 A.M. The *Umballa* passed southwards through the west quadrant during the day. She had violent squalls with heavy rain until the afternoon, when the weather began to moderate. The *Buldana* in the centre of the Andaman Sea had strong to hard squalls during the morning and a moderate to a fresh gale from the south in the afternoon.

The storm continued to advance northwards, but recurved to east during the day and passed across the Arakan coast near Sandoway during the night. It advanced over the Arakan hills, which are in this part comparatively low, into Central Burma. The centre was near Thayetmyo at 8 A.M. of the 8th. The following observations define it:—

STATION.	BAROMETER.			WIND.	
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from rmal.	Direction.	Average velocity in miles per hour during past 24 hours.
Thayetmyo	29·384″	—·208″	—·405″	S	16
Akyab	·504″	—·071″	—·317″	N	4
Mandalay	?	—·064″	?	Calm	?

Weather had moderated considerably off the Arakan and Burma coasts and was now squally with moderate winds. The depression filled up with unusual rapidity during the day.

The following table gives the position of the centre of the storm at different dates during its existence and its rate of motion:—

DATE.	POSITION OF CENTRE.		Total motion since previous day.	Rate per hour.
	Latitude N.	Longitude E.		
			Miles.	Miles.
6th, 8 A.M.	13½°	93½°	100	4
7th ,, ...	16°	93¾°	175	7
8th ,, ...	19½°	95°	250	10

The storm formed to the east of the Andamans in front of a strong advance of monsoon winds. It adopted an unusual course, advancing northwards throughout the Preparis channel and then curving eastwards and passing into Burma. It gave a heavy burst of rain to Burma from the 7th to the 12th.

For some days after the disappearance of the storm the pressure distribution was fairly normal in character. Pressure was lowest until the end of the month in a belt of country stretching from Upper Sind and the South-West Punjab to Chutia Nagpur and the eastern districts of the Central Provinces. At intervals during the remainder of the month shallow depressions of slight importance developed at the extremities of this trough of low pressure.

The formation of the depressions in the Punjab preceded and accompanied the occurrence of series of dust storms in the Punjab plains and thunder storms in the hills. The development of the depressions in Chota Nagpur was in every case associated with numerous thunder storms and nor'westers in Bengal and Bihar. These depressions were most conspicuous on the 16th, 17th, and 18th, the 21st and 22nd, and from the 26th to the end of the month, on all of which days fairly well marked depressions were shown in the Punjab or Sind, and in Chota Nagpur and the Central Provinces.

The following gives a brief list of the chief hot weather storms of the month:—

1st.—Dust storm at Sirsa at 7-48 P.M. Dust storm at Ludhiana from 5-10 to 6 P.M.

10th.—Hail storm at Dhubri from 2 to 2-30 P.M.

13th.—Severe dust storm at Allahabad at 5 P.M. Temperature fell from 103° at 5 P.M. to 90° at 5-10 P.M. Total rainfall during the storm was only ·03″ which occurred between 5-10 and 5-20 P.M.

15th.—Nor' wester at False Point from 10 P.M. to midnight. Nor' wester at Furreedpur at 6 P.M.

16th.—Nor' wester at Poona from 6-5 to 6-15 P.M.

17th.—Dust storm at Lahore from 8 to 9-30 P.M.

19th.—Severe dust storm at Sutna from 3-55 to 4-15 P.M. (7·9 miles of wind were recorded by the anemometer in 5 minutes). Hail storms occurred in the neighbourhood of Sutna. Severe dust storm at Cawnpore from 4 to 5 P.M.

20th.—Nor' wester without rain at Burdwan from 4 to 4-20 P.M. Thunder storm at Raipur at 3 P. M.

21st.—Dust storm at Sutna from 6-50 to 7 P.M. Dust storm at Allahabad. This was an example of a class of occasional occurrence. The dust storm was at some distance above the earth, the air being clear and winds light for some hundred feet above the earth surface, and above that height densely clouded with dust.

22nd.—Severe thunder storm at Belgaum at 7 P.M.

25th.—Thunder storm at Jeypore from 3 to 3-20 P.M.

26th.—Dust storm at Lahore from 5-35 to 6-10 P.M.

27th.—Dust storm at Deesa. Dust storm at Lahore from 6 to 6-45 P.M. Dust-storm at Bhuj at 4 P.M. Dust storm at Hyderabad (230 miles of wind were recorded by the anemometer between 2-30 and 6-30 P.M.).

28th.—Thunder storm at Bareilly. Dust storm at Sirsa at 6 P.M. Dust storm at Sutna from 6-45 to 7 P.M. (The amount of wind registered by the anemometer during the interval of 15 minutes was 14 miles.) Severe dust storm at Allahabad from 7-10 to 7-50 P.M. The barometer rose from 29·336″ to 29·404″, the thermometer fell from 98° to 94°, and the wind shifted from ENE. to WNW. between 7 P.M. and 7-10 P.M., during which the storm set in.

29th.—Very violent dust storm at Hazaribagh. This consisted of a succession of three storms, of which the third at 6 P.M. was the most violent. Dust storm at Cawnpore from 5-20 to 6 P.M. Severe thunder storm at Karwar with very heavy rain; ·98 inch fell during the first fifteen minutes of the storm.

31st.—Dust storm at Khandwa from 2-25 to 2-45 P.M. (velocity of wind was 50 miles per hour at the commencement of the storm).

June.—The mean pressure of the whole of India for the month of June was ·016" below the normal. The deficiency was almost as large in Tropical India (—·014") as in Extra-Tropical India (—·017"). The following gives the local variations freed from the general variation:—

Meteorological district.	Anomaly (negative).	Meteorological district.	Anomaly (positive).
Punjab	—·019"	Chota Nagpur	+·008"
North-Western Provinces . .	—·006"	Lower Bengal	+·015"
Western Rajputana . .	—·021"	Assam	+·006"
Eastern Rajputana and Central India.	—·014"	Orissa	+·012"
Central Provinces . . .	—·002"	Arakan	+·016"
Konkan	*Nil.*	Bay Islands . . .	+·014"
Malabar coast . . .	—·006"		
Carnatic	*Nil.*		
Ceylon	—·010"		

The anomalies of the month of June were in the great majority of cases of opposite sign to those of May. This reversal of the character of the local anomalies is of frequent occurrence at the beginning of the south-west monsoon, but is usually only temporary.

Pressure was relatively to the general condition in defect to the west of a curved line joining Patna, Indore, Sholapur and Negapatam, and in excess to the east of that line.

The negative anomalies were generally small in amount and exceeded ·02" at the following stations:—

Station.	Anomaly.
Mooltan	—·024"
Jacobabad	—·021"
Kurrachee	—·035"

The positive anomalies slightly exceeded ·02" in Burma and in South-West Bengal at Saugor Island (+·022"), and Calcutta (+·021").

Pressure was deficient relatively to neighbouring districts in the area represented by the stations of Lucknow, Agra, Jhansi, Nowgong and Sutna, and this area exercised an important influence in the distribution of the monsoon rainfall.

In consequence of the higher pressure than usual in the Central Provinces, Orissa and South-West Bengal, and the lower pressure in the North-Western Provinces and Central India, the south-west monsoon trough of low pressure lay somewhat further north than usual. The mean position of the axis or lowest portion of the trough was defined by the stations of Berhampore, Patna, Allahabad, Cawnpore, Delhi and Mooltan.

The following gives the chief oscillations of the range of pressure over India during the month :—

DATE.	Highest sea-level pressure corrected for gravity.	Lowest sea-level pressure corrected for gravity.	Range of pressure or total gradient over India.
1st, 8 A.M.	29·80"	29·43"	·37"
6th	·81"	·28"	·53"
12th	·87"	·56"	31"
16th	·79"	·30"	·49"
21st . . .	·88"	·46"	·42"
23rd	·82"	·19"	·63"
26th	·87"	·46"	·41"
30th	·87"	·37"	·50"

The range of pressure was greatest on the 23rd, at which time very strong winds prevailed on the Bombay coast and hard monsoon gales in the Arabian Sea.

The most important feature of the first week of the month was a cyclonic storm which formed in front of the advancing south-west monsoon current in the Arabian Sea.

Cyclonic storm of the 3rd to the 7th June.—Fine weather with light winds prevailed at the commencement of the fourth week of the month of May over the whole of the Arabian Sea, except near the equator, where heavy rain was falling and weather was squally. On the 20th heavy rain was received between the equator and Lat. 3° N. The humid current advanced slowly northward, and on the 24th rain was falling as far north as Lat. 7° 30′ N. in the centre of the Arabian Sea. On the 27th the rainy weather had extended northwards over the central area of the Arabian Sea as far as Lat. 16° N., and on the 29th winds ranging between south and west prevailed over the whole of the south and centre of the Arabian Sea.

These humid winds began to give heavy rain in Malabar on the 28th, and the rainfall extended rather rapidly along the west coast on the 29th and 30th, and was general along the coast as far north as Bombay on the 31st. Weather was disturbed on that day over the whole of the Arabian Sea south of about Lat. 19° or 20° N., and was stormy with cyclonic squalls and strong gales in the centre of the Arabian Sea and off the Konkan and Kathiawar coasts. The weather became more disturbed on the 1st. The barometer fell steadily in front of this advancing humid current, but it was not till the 2nd that the first indications were given of the formation of a depression and cyclonic storm. The depression apparently originated in about Lat. 19° N. and Long. 68° or 69° E. Winds were somewhat irregular at that time in the neighbourhood of the depression. The disturbance developed rapidly during the next 24 hours, and on the morning of the 3rd a well-marked depression and cyclonic storm, the centre of which was in about Lat. 20½° N. and

Long. 67° E., was in existence. The following gives the 8 A.M. observations on board ships nearest the centre :—

Vessel.	Position at noon.		Barometer.		Wind.		Weather.
	Latitude N.	Longitude E.	Barometer corrected and reduced to 32° sea-level and constant gravity.	Approximate variation from normal.	Direction.	Force.	
S. S. *Aston Hall*	17° 47′	71° 57′	29·700″	0	S	..	Fresh breeze.
S. S. *Calder*	21° 25′	66° 48′	·524″	—·160″	NE	...	Strong breeze.
S. S. *Wennington Hall*	17° 49′	68° 37′	?	...	W	...	Heavy rain.

The storm had the usual characteristics of storms formed in front of the monsoon current. Very strong stormy winds and gales prevailed in the southerly and easterly quadrants to very considerable distances from the centre, whilst in the northern and westerly quadrants winds were by no means violent even near the centre.

The storm advanced in a west-north-west direction during the day, and the centre at 8 A.M. of the 4th was in about Lat. 22½° N. and Long. 64° E. The following gives wind and pressure data taken on boardships nearest the centre at that hour :—

Vessel.	Position at noon.		Barometer.		Wind.		Weather during the day.
	Latitude N.	Longitude E.	Barometer corrected and reduced to 32° sea-level and constant gravity.	Approximate variation from normal.	Direction.	Force.	
S. S. *Calder*	22° 40′	63° 36′	29·358″	—·34″	E	...	Strong gale; heavy squalls with constant rain.
S. S. *Ebro*	17° 28′	65° 0′	·657″	—·05″	N	...	Strong breeze.
S. S. *Hurworth*	17° 22′	67° 11′	?	...	SW	...	Fresh wind and heavy rain.

The data are very scanty and not sufficient to give full and precise information of the storm. They, however, indicate that it was growing in intensity and that the barometer at the centre was probably below 29·2″. The storm continued to advance in a west-north-west direction during the day and entered the Gulf of Oman early on the morning of the 5th. The centre was probably in Lat. 23½° N. and Long. 59¾° E. at 8 A.M. that day. The following gives a summary of observations taken at that hour on board vessels nearest the centre :—

Vessel.	Position at noon.		Barometer.		Wind.		Weather during the day.
	Latitude N.	Longitude E.	Barometer corrected and reduced to 32° sea-level and constant gravity.	Approximate variation from normal.	Direction.	Force.	
S. S. *Calder*	23° 43′	59° 48′	29·190″	—·5 0″	ENE	...	Strong gale.
S. S. *Henry Bolknow*	23° 53′	60° 5′	·382″	—·320″	NE	...	Heavy squalls.
S. S. *Pemba*	At Jask		·489″	—·230″	E	...	Light airs in the morning; moderate gale at night.

Very heavy rain fell at Muscat during the day which caused much damage to houses, etc. The loss due to wind and rain was estimated at R1,50,000. The storm was probably most severe and intense on the morning of the 5th when entering the Gulf of Oman. It advanced up the gulf during the day, and the centre was in about Lat. 24½° N. and Long. 57° E. at 8 A.M. of the 6th. The following observations define it:—

VESSEL.	POSITION AT NOON.		Barometer reduced to 32° sea-level and constant gravity.	WIND.		Weather.
	Latitude N.	Longitude E.		Direction.	Force.	
S. S. *Calder*	25° 6′	57° 21′	29·412″	ENE	8	Strong gale.
S. S. *Henry Bolknow* . .	23° 36′	61° 3′	·492″	SE	4	Moderate breeze.
S. S. *Pemba*	Near Muscat.		·267″	SE	7	Moderate gale with hard squalls.

The *Calder* had advanced with the storm remaining in the northerly quadrant, and experienced at this time a strong gale with frequent squalls and heavy rain. The *Pemba* passed through the eastern quadrant during the morning. On her voyage from Jask to Muscat, which she reached at 10 A.M. of the 6th, she had east to south-south-east winds during the night of the 5th, and experienced a moderate gale with very severe squalls and heavy rain on the morning of the 6th. Her lowest barometer was 29·15 at 4 A.M., when she was probably not more than 20 or 30 miles to the east of the centre.

No further information respecting the storm is available. The Bushire observations show that the storm did not pass up to the head of the Persian Gulf. It is hence probable that it broke up near the entrance to the Persian Gulf.

The storm was a typical example of the class of storms which form off the Bombay coast in front of the advancing monsoon humid currents. It marched in an almost straight north-westerly course from its place of origin to the entrance of the Persian Gulf, where it probably broke up.

The following table gives data showing the position of the centre and rate of motion during its existence:—

DATE AND HOUR.	POSITION OF CENTRE.		Total motion since previous day.	Rate of motion per hour.
	Latitude N.	Longitude E.		
	°	°	Miles.	Miles.
June 2nd, 8 A.M.	19·0	69	...	...
„ 3rd, „	20½	67	175	7
„ 4th, „	22¼	64	250	10
„ 5th, „	23½	59¾	285	12
„ 6th, „	24½	57	190	8

Strong monsoon winds and gales prevailed in the Arabian Sea during the remainder of the month. The weather was apparently most severe between the 10th and the 21st, when terrific monsoon gales were experienced by several vessels in the central belt between Socotra and Bombay.

Moderate monsoon winds prevailed over the Bay at the beginning of the month, and Bengal received moderate steady rain. The Bombay monsoon humid current, after the breaking up of the cyclonic storm in the Arabian Sea, advanced rapidly into the Peninsula; and Central India, Berar and the Central Provinces received general rain on the 9th, and the North-Western Provinces showers on the 10th, but rainfall continued for some days to be received chiefly in the Bombay coast districts and Bengal. The first general burst of rain in the Gangetic plain followed a cyclonic storm which began to form in the north west of the Bay on the 16th.

Cyclonic storm of the 17th to 21st June.—The Bengal current fell off rapidly in strength in Bengal on the 15th and 16th, and rainfall diminished in amount and was restricted to local showers. The barometer began to fall briskly at the head of the Bay on the 17th, and a shallow depression covered the Orissa and Ganjam coasts and adjacent part of the Bay. On the morning of the 18th, the weather was very squally with heavy rain and strong westerly winds in the north-west and centre of the Bay. The storm intensified slightly on the 18th, and the centre crossed the South Orissa coast on the morning of the 19th. The depression advanced in a west-north-west direction along the trough of low pressure, and was in Chota Nagpur and the eastern districts of the Central Provinces on the morning of the 20th, and in the south-eastern districts of the North-Western Provinces and Bundelkhand on the 21st in which very heavy rain had fallen during the previous 24 hours. The depression at the centre on the 21st was small, and did not exceed ·05″. The storm filled up during the day, and on the 22nd there was no trace of its existence shown by the pressure observations.

The storm was hence throughout of small intensity, but it drew the humid currents into the interior of the country, and gave heavy rainfall for a short period to Behar and the greater part of the North-Western Provinces.

Land-formed depression of the 21st to 24th June.—During the last 36 hours of the existence of the previous storm, it was maintained almost exclusively by westerly winds from the Bombay coast. The Bengal current was blowing strongly at the head of the Bay and giving very heavy rain in East and Central Bengal. On the 21st winds were very irregular in direction in Central Bengal and the barometer was falling briskly. There was a marked tendency on the morning of the 22nd towards the formation of a depression with a centre near Jessore, where the rainfall was especially heavy. The depression intensified during the day, and on the morning of the 23rd there was a well-marked cyclonic storm in South-West Bengal, the centre of which at 8 A.M. was nearly midway between Burdwan and Berhampore. The barometer at the centre had fallen to 29·3″ and was nearly three-tenths of an inch below the rormal. Excessively heavy rain had fallen over the track of the storm in Central Bengal during the previous 24 hours.

The following gives 8 A.M. wind and pressure observations in the area of depression on the 23rd:—

STATION.	BAROMETER.			WIND.	
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.
Burdwan	29·335″	—·159″	—·239″	SW	7
Berhampore	·317″	—·155″	—·264″	E	5
Purnea	·406″	—·083″	—·172″	NE	3
Hazaribagh	·437″	—·085″	—·142″	WNW	13

Squally stormy winds were blowing at the head of the Bay and strong winds in South Bengal. The following gives observations taken on board three ships:—

VESSEL.	POSITION.		BAROMETER.		WIND.		Weather.
	Latitude N.	Longitude E.	Barometer reduced to 32° sea-level and constant gravity.	Approximate variation from normal.	Direction.	Force.	
S. S. *Buldana* . . .	Off Saugor Island		29·313″	...	SSW	8	Fresh gale.
S. S. *Patiala* . . .	...	...	·493″	...	SW	7	Moderate gale.
S. S. *Shahjehan* . . .	19°	89° 53′	...	...	SW	9	Strong south-west gale.

The storm advanced during the next 24 hours through the Sonthal Parganas into North Bihar, and the centre was between Bhagalpur and Purnea at 8 A.M. of the 24th. The depression at the centre was then nearly a quarter of an inch. The storm continued to advance towards the hills in North Bihar and broke up during the day.

The following gives a few examples of the heavy rainfall which occurred in the area over which the storm passed:—

DISTRICT.	STATION.	RAINFALL ON			TOTAL.
		22nd.	23rd.	24th.	
		Inches.	Inches.	Inches.	Inches.
Midnapore	Midnapore . . .	7·14	2·55	0·66	10·35
Jessore	Jessore	4·10	9·92	0·96	14·98
	Bangaon . . .	0·63	4·50	0·95	6·08
Nuddea	Krishnagar . . .	0·97	8·17	1·06	10·20
	Ranaghat . . .	2·41	4·43	1·27	8·11
Burdwan	Burdwan . . .	1·30	7·24	0·62	9·16
	Kalna	0·85	8·20	0·75	9·80
	Raniganj	2·25	8·05	2·65	12·95
	Mankur	0·58	9·77	0·42	10·77
Hooghly	Jahanabad . . .	2·02	8·04	0·08	10·14
Bankura	Bishenpur . . .	1·36	4·00	0·94	6·30
	Maliara	0·57	7·00	1·95	9·52
	Indas	0·32	5·30	0·92	6·54
	Gangajalgheti . . .	0·72	4·12	3·97	8·81
	Sonamukhi . . .	0·31	6·07	1·79	8·17
Sonthal Parganas . . .	Jamtara	1·38	8·59	8·05	18·02
	Naya Dumka . . .	0·07	3·25	6·11	9·43
Khulna	Bagerhat . . .	4·50	1·42	4·30	10·22

The following gives a brief statement of the chief hot weather storms of the month:—

1st.—Dust storm at Peshawar from 5 to 7 P.M. (wind velocity at commencement of storm was 48 miles per hour).

2nd.—Violent storm at Naya Dumka at 5-20 P.M. from south-west.

5th.—Severe dust storm at Sirsa at 1 P.M.

6th.—Dust storm at Allahabad from 4-38 to 4-45 P.M.

7th.—Thunder storm at Hyderabad from 3-30 to 6 P.M. (greatest velocity of wind was 51 miles per hour).

8th.—Very severe dust storm at Lahore from 6-10 to 11 P.M. The storm came down from the north-west. The barometer rose from 28·70″ at 6 P.M. to 28·80″ at 6-20 P.M. at the setting in of the storm, and temperature fell from 107° at 6 P.M. to 84° at 6-50 P.M. The storm was remarkable for its long duration and the dense darkness at its commencement. It is stated to have been the most severe storm of the kind which has visited Lahore for 25 years. Dust storms were also experienced over the whole area between Gujranwalla and Amritsar on the 8th. Dust storm at Hyderabed at 5 P.M.

14th.—Dust storm at Hoshangabad at 5-25 P.M.

15th.—Dust storm at Hoshangabad at 2-50 P.M.

16th.—Dust storm at Lahore from 10-15 P.M. to midnight. Severe dust storm at from 4-15 to 4-45 P.M. (wind velocity was 55 miles per hour).

18th.—Dust storm at Cawnpore from 2 to 2-30 P.M. Temperature fell from 101° at 2-8 P.M. to 89° at 2-25 P.M., although no rain had fallen.

19th.—Dust storm at Lahore from 9-30 to 10-30 A.M. The reduction of temperature which usually accompanies these storms was in this case very marked. Temperature fell from 93°·3 at 9-26 A.M. to 85°·8 at 9-31 A.M.

21st.—Severe thunder storm at Hyderabad (Sind) from south-east from 5-10 to 6-15 P.M. with heavy rain (1·72 inches).

25th.—Dust storm at Lahore. The barometer rose from 28·786″ at 2-55 A.M. to 28·840″ at 3-15 A.M., at which time the storm commenced.

July.—The mean pressure of the whole of India for the month of July was ·008″ below the normal. During the previous six months pressure had been on the average as markedly in defect in Tropical as in Extra-Tropical India. The conditions in July were different, as pressure was in slight excess in Tropical India (+·011″) and in moderate defect in Extra-Tropical India (—·026″) :—

METEOROLOGICAL DISTRICT.	Anomaly (positive).	METEOROLOGICAL DISTRICT.	Anomaly (negative).
Orissa	+·007″	Punjab	—·038″
Central Provinces	+·008″	North-Western Provinces	—·016″
Konkan	+·025″	West Rajputana	—·021″
Malabar	+·018″	Central India	—·017″
Deccan	+·010″	Assam	—·013″
East Coast and Carnatic	+·023″	Chota Nagpur	—·005″
Ceylon	+·021″	Bengal	—·002″
Arakan and Pegu	+·021″		

The pressure anomalies were positive in the Peninsula and Burma and were greatest in the Madras coast districts and Lower Burma. They exceeded ·029" at the following stations:—

METEOROLOGICAL DISTRICT.	STATION.	Pressure anomaly.
Madras coast	Vizagapatam	+·032"
	Masulipatam	+·033"
	Madras	+·030"
	Negapatam	+·032"
Lower Burma	Rangoon	+·034"
	Bassein	+·035"
Andamans	Port Blair	+·030"

They were negative in Northern India and increased in amount from Bengal and Central India to the Punjab, in which they exceeded ·040". They were absolutely greatest at—

	Pressure anomaly.		Pressure anomaly.
Peshawar	—·045"	Sialkot	—·049"
Ludhiana	—·052"	Dera Ismail Khan	—·060"

In consequence of the peculiar features of the pressure variations from the normal, the area of minimum pressure in Upper India and the trough of low pressure in Northern India occupied positions further to the north than usual. The lowest mean pressures of the month were recorded at Peshawar and Dera Ismail Khan instead of in Upper Sind, and the axis of the trough of low pressure ran from Dera Ismail Khan through Delhi, Cawnpore and Patna to Burdwan and Calcutta.

The following gives the chief oscillations of the range of pressure between Southern and Upper India during the month:—

DATE.	Highest pressure.	Lowest pressure.	Range.
1st July	29·82"	29·41"	·41"
5th „	·89"	·33"	·56"
12th „	·87"	·41"	·46"
19th „	·84"	·23"	·61"
21st „	·83"	·35"	·48"
26th „	·86"	·21"	·65"
28th „	·92"	·40"	·52"
30th „	·86"	·35"	·51"

The mean range of pressure over the Indian land area slightly exceeded ·5". It was even greater than usual in July, and the variations of the range of pressure were smaller than usual, thus indicating pressure conditions during the month favouring and accompanying abnormally strong and steady monsoon currents from the adjacent seas, more especially the Arabian Sea.

As the monsoon currents were steadier than usual, there were on the whole fewer cyclonic storms than is generally the case in July. There were three important depressions and cyclonic storms during the month and two small and short-lived depressions accompanying heavy local rainfall. The following gives an account of these storms.

Cyclonic storm and depression of the 29th of June to the 5th of July.—This storm formed under the usual conditions in the north-west angle of the Bay on the 28th and 29th of June. Light variable winds and fine weather with occasional passing showers occurred in Bengal during its inception.

The observations of the 30th June showed that a fairly well-defined cyclonic circulation was established on that day at the head of the Bay. The following gives wind and pressure data taken on board ships near the area of the depression on the morning of that day:—

VESSEL.	POSITION AT NOON.		BAROMETER.		WIND.		Weather during the day.
	Latitude N.	Longitude E.	Barometer reduced to 32° sea-level and constant gravity.	Approximate variation from normal.	Direction.	Force.	
Ship *Majestic*	16° 14′	88° 3′	29·494″	—·19″	SW and W	9	Strong gale with terrific rain squalls.
S.S. *Badsworth* . .	18° 38′	87° 25′	·331″	—·22″	Westerly	...	Violent squalls and heavy rain.
S.S. *Clan Matheson* .	19° 1′	86° 9′	·358″	—·19″	WNW	...	Heavy rain squalls.
S.S. *Pachumba* . .	Off Saugor		·303″	—·25″	Variable	...	Squally appearance.
S.S. *Nuddea* . . .	20° 11′	89° 24′	·342″	—·21″	WNW	...	Constant heavy rain squalls.

Pressure decreased rapidly in the storm area on the 30th, and the storm was of considerable intensity on the morning of the 1st July. The following gives 8 A.M. observation in the storm area:—

SHIP OR STATION.	POSITION AT NOON.		BAROMETER.			WIND.		Weather during the day.
	Latitude N.	Longitude E.	Actual.	Reduced to 32° and sea level at, Latitude 45° gravity.	Variation from normal.	Direction.	Velocity in miles per hour or force.	
Saugor Island .	...	...	″ 29·407	29·378″	—·183″	NE	15	Showery.
S.S. *Badsworth* . .	20° 32′	87° 57′	·32	·275″	—·228″	NE	...	Heavy gale and violent squalls.
S.S. *Shannon* . .	20° 12′	87° 15′	·45	·162″	—·390″	NNE	5*f*	Hard gale and squalls and heavy rain.
False Point . .	...	...	·368	·333″	—·230″	NNE	13	Squally.
S.S. *Cocanada* . .	Burn Id.		·78	·539″	...	SE	...	Hard squalls and heavy rain.
Ship *Majestic* . .	16° 8′	88° 24′	·40 ?	·294″?	—·039″?	W	...	Heavy gale with terrific rain squalls of hurricane force.
S.S. *Clan Matheson* .	18° 18′	85° 19′	·33	·212″	—·340″	WSW	...	Strong gale with violent squalls.
Gopalpur . .	...	...	·405	·368″	—·184″	NNW	15	Sea rising.

All the ships in the north of the Bay reported gales, and the *Badsworth* and *Shannon* which were nearest to the centre had strong gales with fierce rain squalls. The storm advanced in a west-north-west course during the day and the centre crossed the Orissa coast between False Point and Pooree at 9 P.M. on the evening of the 1st, The lowest reading (reduced) of the barometer at False Point observed during the storm was 29·09″

The centre continued to advance in a west-north-west course and was near Sambalpur at 8 A.M. of the 2nd. A remarkably rapid increase of pressure in the north-west of the Bay of Bengal followed the advance of the storm across Orissa. Thus at False Point pressure increased five-tenths of an inch between 9 P.M. of the 1st and 8 A.M. of the 2nd. The following gives wind and pressure data at stations near the centre at 8 A.M. of the 2nd :—

STATION.	BAROMETER.		WIND.		Cloud.	Rainfall of 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour.		Inches.
Cuttack	29·482"	—·082"	SE	7	7	3·74
Chaibassa	·449"	—·079"	SE	8	3	1·61
Sambalpur	?	?	SW	6	10	1·46
Raipur	·339"	—·226"	NNW	9	10	1·22
Jubbulpore	·454"	—·116"	NE	2	7	0·50
Nagpur	·490"	—·111"	W	10	10	1·80

The centre was in Lat. 21° 45 N. and Long. 83° 15 at 8 A.M. The 4 P.M. observations indicate that it had advanced to the neighhourhood of Jubbulpore as is shown by the following data :—

STATION.	BAROMETER.			WIND.	
	Corrected and reduced to 32° sea-level, and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour.
Allahabad	29·264"	—·046"	—·060".	N	4
Sutna	·284"	—·115"	—·152"	E	8
Jubbulpore	·254"	—·144"	—·210"	ENE	1
Nagpur	·391"	—·020"	—·089"	WSW	14
Sambalpur	·479"	+·134"	+·031"	S	6

The whirl advanced with increasing velocity during the night of the 2nd and was in Rajputana on the morning of the 3rd, the centre being near Ajmere at 8 A.M. The following observations indicate its position and character at that hour :—

STATION.	BAROMETER.		WIND.		Cloud at 8 A.M.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		Inches.
Jeypore	29·454"	—·114"	ENE	10	9	0·15
Ajmere	·450"	—·098"	E	6	8	0·08
Pachpadra	·448"	—·100" ?	NNE	?	7	0·80
Mount Abu	?	—·079"	W	6	10	4·20
Neemuch	·515"	—·065"	WNW	6	10	1·39

The depression had hence filled up very considerably and the barometer was probably not more than a tenth of an inch below the normal at the centre. The storm recurved during the afternoon and night of the 3rd, and was in North-East Rajputana and the adjacent districts of the Punjab on the morning of the 4th, the centre being a little to the south-west of Sirsa as is shown by the following observations:—

STATION.	BAROMETER.		WIND.		Cloud.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
Ajmere	29·473″	—·088″	SW	10	10	Inches. 1·41
Sirsa	·411″	—·079″	SE	21	10	*Nil.*
Montgomery	·430″	?	ENE	17	9	0·06
Mooltan	·431″	—·021″	NE	7	10	0·05
Bikaneer	?	?	SE	14	4	0·11

It marched during the next 24 hours in a north-by-east direction towards the Punjab hills between Sialkot and Ludhiana. The following gives 8 A.M. wind and pressure data at stations in the area of depression on the 5th:—

STATION.	BAROMETER.		WIND.		Cloud at 8 A.M.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
Murree	?	—·096″	Calm	8	10	Inches. 0·34
Sialkot	29·340″	—·160″	N	5	9	3·24
Lahore	·339″	—·151″	W	7	10	3·90
Ludhiana	·333″	—·181″	SSE	9	10	0·25
Simla	?	?	ENE	?	10	0·01

The storm broke up rapidly during the day and the observations of the morning of the 6th show no trace of its existence.

The following table gives the position of the centre at 8 A.M., and the average rate of motion on each day of its existence:—

DATE.	POSITION AT 8 A.M.		Distance passed over in previous 24 hours.	Rate of motion in miles per hour.
	Lat. N.	Long. E.		
1st	19° 45′	87° 45′	Miles. 320	13
2nd	21° 45′	83° 15′		
3rd	25° 30′	75° 0′	600	25
4th	29° 0′	74° 15′	240	10
5th	32° 0′	75° 15′	230	10

Its rate of advance between 8 A.M. of the 2nd and the same hour of the 3rd was unusually great. The trough of low pressure on the 29th and 30th of June lay further south than its normal position during the months of June and July, and the storm practically advanced along it into Central Rajputana. When it was advancing on the 2nd towards Central Rajputana pressure was increasing briskly on the north-west frontier due to local causes in that area and Beluchistan. This change of the pressure conditions in Upper India appears to have determined the change of course of the storm. The storm gave moderately heavy rain for a brief period over the whole area which it covered in its progress. It, however, advanced too rapidly to give large total amounts. The rainfall was heaviest in the East Punjab when the storm was approaching the hills.

Land-formed depression of the 10th to the 14th of July.—The Bombay current was unusually strong at the commencement of the second week of the month, and westerly winds obtained at Allahabad, Benares, Gaya and Hazaribagh. The trough of low pressure was hence displaced northwards into the centre of the Gangetic plain. The interaction of the two currents in the eastern extremity of the trough gave heavy rain to the whole of Bengal and Behar on the 7th, 8th, 9th and 10th. This tended to originate cyclonic circulation and depression. It was feebly marked on the 10th when it was in Chutia Nagpur. It developed slightly during the day and advanced slowly westwards. The centre was to the south of Benares at 8 A.M. of the 11th. The depression at the centre did not at that time exceed a tenth of an inch. Winds were moderate in force in the depression, but strong westerly winds were blowing across Central India and the Central Provinces. It drifted steadily westwards, and the centre was a little to the south of Allahabad at 8 A.M. of the 12th. The depression was unchanged in character, as is shown by the following observations :—

STATION.	BAROMETER.		WIND.		Cloud at 8 A.M.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
						Inches.
Allahabad	29·422″	—·086″	ESE	6	8	0·04
Cawnpore	·414″	—·090″	NE	5	10	1·24
Nowgong	·460″	—·062″	WNW	5	10	1·96
Sutna	?	?	W	14	10	0·90

The centre was a little to the south of Cawnpore on the morning of the 13th and was near and to the south of Jhansi on the morning of the 14th. The following gives 8 A.M. observations showing the character of the storm at that hour :—

STATION.	BAROMETER.		WIND.		Cloud at 8 A.M.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
						Inches.
Nowgong	29·510″	—·006″	S	2	3	0·03
Jhansi	·489″	—·011″	ENE	3	9	1·37
Saugor	·519″	—·021″	NNW	8	10	1·65

The storm filled up slowly in Central Rajputana during the next 48 hours and disappeared on the evening of the 16th.

The following table gives data of the storm :—

Date.	Position at 8 a.m.		Distance passed over in previous hours.	Rate of motion in miles per hour.	Barometric depression at the centre.
	Lat. N.	Long. E.			
			Miles.		
11th	24° 45′	83° 30′	...	...	—·10″
12th	25° 0′	81° 45′	110	4½	—·10″
13th	25° 10′	80° 0′	110	4½	—·07″
14th	25° 15′	78° 15′	110	4½	—·05″
15th	25° 15′	78° 0′	...	...	—·02″

Depression and cyclonic storm of the 18th to the 24th of July.—After the disappearance of the previous depression rainfall decreased rapidly in amount in the Gangetic Plain. The great majority of stations in the North-Western Provinces and Bihar reported no rain on the morning of the 17th, and the Bengal stations light showers. Light unsteady winds prevailed in Bengal, and feeble south-west winds at the head of the Bay. A small depression began to form on the 18th at the head of the Bay, and it intensified slightly during the night of the 18th and morning of the 19th. The following observations define its position and character at 8 A.M. of the 19th :—

Station or ship.	Position at noon.		Barometer.		Wind.		Weather.
	Lat. N.	Long. E.	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Force.	
S.S. *Kasara* . . .	18° 58′	90° 32′	29·415″	...	SSW	4	Constant rain.
S.S. *Euphrates* . . .	Chittagong		·491″	...	SE	2	Light wind.
Ship *Genista* . . .	Off Saugor		·353″	—·080″	ENE	5	Fresh breeze and cloudy.
Saugor Island . . .	...	...	·452″	—·080″	S	...	Sea slight. Winds averaged 9 miles per hour during day.
False Point	...	...	·429″	—·128″	WNW	...	Ditto.
S.S. *Nawab* . . .	19° 2′	85° 51′	·414″	...	W	4	Strong breeze and rainy.

The centre was probably in Lat. 21° N. and Long. 88° E. at that hour. Weather was squally with strongish westerly winds (force 6) near the head of the Bay. The storm began to advance in a west-north-westerly direction during the day. The following gives wind and pressure observations at ships and stations in the depression area at 8 A.M. of the 20th :—

Station or ship.	Position at noon.		Barometer.		Wind.		Weather.
	Lat. N.	Long. E.	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.	
Saugor Island	...	...	29·385″	—·142″	ESE	11	
Balasore	...	...	·405″	?	NNW	5	
False Point	...	...	·443″	—·112″	W	10	Wind variable.
S.S. *Ladakh*	20° 0′	86° 36′	...	...	WSW	...	Rain squalls.
S.S. *Nawab*	Eastern Channel		...	...	WNW	...	Moderate breeze and cloudy.
S.S. *Congella*	20° 50′	87° 52′	...	...	SW	...	Strong monsoon.

The storm centre crossed the coast on the evening of the 20th near Balasore, and advanced slowly through the Midnapore district into Chota Nagpur on the morning of the 21st. The centre was in Lat. 22½° N. and Long. 86½° E. at 8 A.M. of that day, as is shown by the following :—

Station.	Barometer.		Wind.		Cloud.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
						Inches.
Burdwan	29·394″	—·130″	E	6	10	0·14
Hazaribagh	·411″	—·110″	N	8	10	0·07
Ranchee	·399″	—·109″	W ?	6	10	0·55
Chaibassa	·382″	—·112″	ENE	2	10	0·13

The storm advanced north-westwards during the next 24 hours, and the centre was to the west of Gaya and Hazaribagh at 8 A.M. of the 22nd in about Lat 24¼°N. and Long. 83½° E. The depression at the centre was not greater than ·15″. The storm advanced into the eastern districts of the North-Western Provinces on the 23rd. The following observations indicate its position and character at 8 A.M. of that day :—

Station.	Barometer.		Wind.		Cloud.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
						Inches.
Allahabad	29·457″	—·042″	NW	5	10	2·33
Benares	·434″	—·065″	W	3	10	2·20
Gorakhpur	·450″	—·049″	E	3	8	3·50
Lucknow	·472″	—·046″	Calm	2	10	2·02

The winds were very light in the central depression. Very heavy rain was received at this time in the eastern districts of the North-Western Provinces. The storm recurved to north during the next 24 hours and filled up near the foot of the hills in the Gorakhpur and Basti districts on the evening of the 24th.

The storm was hence an example of the feeble cyclonic storms of the rains, the chief characteristics of which are moderate to excessive rain and light winds in and near the central area of depression, and normal or strong monsoon winds in the coast districts. This storm gave a moderately heavy burst of rain to Orissa, Chota Nagpur, Bihar and the eastern districts of the North-Western Provinces. It was heaviest in the latter area, but the amounts were nowhere very large; no rainfall exceeding 5 inches in 24 hours being reported.

The following table gives the position of the centre and other data relating to the storm:—

DATE.	POSITION AT 8 A.M.		Distance passed over in previous hours.	Rate of motion in miles per hour.	Barometric depression at the centre.
	Lat. N.	Long. E.			
			Miles.		
19th	21° 0′	88° 0′	...	...	...
20th	21° 30′	87° 30′	45	2	—·20″
21st	22° 30′	86° 30′	85	4	—·16″
22nd	24° 15′	83° 30′	180	7½	—·15″
23rd	25° 45′	82° 45′	130	5	—·08″
24th	26° 15′	83° 15′	45	2	—·06″

Land-formed shallow depression of the 19th and 20th July.—A very shallow depression overlay the central districts of the North-Western Provinces on the 19th. It advanced north-westwards on the 20th to the neighbourhood of Delhi, and on the 21st filled up in the Punjab after having given moderately heavy rain to the south-eastern districts of the Punjab.

Land-formed shallow depression of the 30th and 31st July.—Similar conditions to those which preceded the formation of the second depression of the month prevailed on the 28th and 29th in the eastern districts of the North-Western Provinces, Bihar and Bengal. Heavy rain fell over the whole of that area on these two days, and on the 30th a shallow depression formed in the eastern districts of the North-Western Provinces. It advanced slowly westwards during the next two days and filled up in the neighbourhood of Jhansi on the 1st and 2nd of August.

August.—The mean pressure of the whole of India for the month of August was ·018″ in excess. The excess was as large in Tropical as in Extra-Tropical India. The following table gives the mean anomalies in different meteorological divisions:—

METEOROLOGICAL DISTRICT.	Anomaly (positive).	METEOROLOGICAL DISTRICT.	Anomaly (negative).
Punjab	+·013"	Chota Nagpur	—·027"
North-Western Provinces	+·012"	Assam	—·003"
Western Rajputana	+·008"	Malabar	—·006"
Central India	+·012"	Tenasserim	—·023"
Lower Bengal	+·014"	Bay Islands	—·008"
Central Provinces	+·009"	Ceylon	—·013"
Konkan	+·026"		

The anomalies or local variations of pressure were small over nearly the whole of India, and were generally similar in character to the anomalies of the preceding month. The only important feature was a moderate local excess in the region included between the stations of Surat, Neemuch, Khandwa and Ratnagiri. The following gives data for the stations in this area:—

STATION.	Anomaly.
Surat	+·027"
Indore	+·026"
Khandwa	+·023"
Malegaon	+·022"
Poona	+·023"
Ratnagiri	+·027"
Bombay	+·023"

It was in consequence of this excess of pressure in that area that the trough of low pressure ran in a more northerly direction than usual. This feature, as has been pointed out, was a very persistent feature of the meteorology of the previous four months.

The chief pressure changes of the month in India were due to the numerous small depressions which appeared and influenced the weather for short periods. As they were without exception very shallow, the pressure changes were smaller and less marked than is usually the case in August. The following table gives the larger oscillations of the range of pressure over the Indian land area during the month:—

DATE.	Highest pressure in Southern India or Ceylon.	Lowest pressure in Upper India.	Range of pressure or total gradient over India.
1st	29·89"	29·46"	·43"
2nd	·87"	·34"	·53"
9th	·87"	·53"	·34"
14th	·88"	·43"	·45"
16th	·88"	·51"	·37"
18th	·88"	·45"	·43"
21st	·89"	·62"	·27"
29th	·88"	·52"	·36"
31st	·88"	·53"	·35"

The mean range of pressure in August is slightly less than a third of an inch, and the mean range in August 1890 differed little from the normal, but was slightly in excess.

The following gives a brief account of the depressions of the month. There were six in all, of which three were land-formed. They were all shallow depressions and only important as modifying the distribution of rainfall, and were in no case accompanied by strong or stormy winds.

Shallow depression of the 2nd to 8th of August:—This formed off the Ganjam coast on the 1st and 2nd, and remained almost unchanged in position until the 6th. The depression increased slightly during this period, but never exceeded a tenth of an inch. The weather in this portion of the Bay was squally with light and variable winds. The following extracts from the log of the *Castle Eden*, which passed through the depression on the 3rd and 4th, and of the *Ludhiana* which passed through it on the 6th and 7th, show fully the character of the weather in this area.

VESSEL.	Date.	POSITION AT NOON.		Barometer reduced to 32° sea-level, and constant gravity.	Approximate variation from normal.	WIND.		Weather during the day.
		Latitude N.	Longitude E.			Direction.	Force.	
Castle Eden	3rd	15° 55′	85° 52′	?	?	NW	...	Fresh breeze with violent squalls, thunder, lightning and heavy rain.
	4th	19° 10′	87° 6′	?	?	NE	...	Light airs and calms with occasional showers.
Ludhiana	6th	16° 40′	85° 49′	29·555″	?	W	...	Dark squally weather with strong breezes.
	7th	19° 27′	86° 55′	·555″	?	WSW	...	Squalls and heavy rain with dark overcast weather.

The depression somewhat suddenly began to advance in a north-west direction on the 6th and was in the north-eastern districts of the Central Provinces at 8 A.M. of the 7th. It filled up during the next 24 hours. The storm gave a moderate burst of rain to Bengal. Bihar, Chota Nagpur and the eastern districts of the North-Western Provinces.

Land-formed shallow depression of the 10th to 12th August.—This depression formed in the afternoon of the 9th in the eastern districts of the Central Provinces, The depression was a large and shallow one, and probably did not exceed a sixth of an inch in amount anywhere in the central area between Raipur, Cuttack, Hazaribagh and Jubbulpore. It advanced in a west-north-westerly direction into Bundelkhand during the next twenty-four hours, and was then filling up. It disappeared during the day. This disturbance gave a moderately heavy burst of rain to the Central Provinces.

Land-formed shallow depression of the 12th to the 16th of August.—This depression formed in West Bengal, Bihar and Chota Nagpur on the afternoon of the 11th and morning of the 12th. The cyclonic circulation was imperfectly developed and somewhat irregular on the morning of the 12th. The storm drifted slowly westwards during the next three days. The centre was between Hazaribagh and Benares on the 13th and to the south-east of Sutna on the 14th. The amount of the depression in the central area did not exceed a tenth of an inch. The storm filled up slowly during the next forty-eight hours in Bundelkhand and the adjacent districts of the North-Western Provinces. The depression determined moderately heavy rain to Bengal, Bihar, Chota Nagpur and the eastern districts of the North-Western Provinces and moderate rain to the Central Provinces.

The following statement gives the approximate positions of the centre and amount of the depression :—

DATE.	POSITION OF STORM CENTRE.		Distance travelled in past 24 hours.	Rate of motion in miles per hour.	Amount of depression.
	Lat. N.	Long. E.			
	°	°	Miles.		
12th	23½	86½	...	...	—·070″
13th	24	84	150	6	—·080″
14th	24¼	81½	150	6	—·100″
15th	26	80	160	6·7	—·010″

Shallow depression of the 19th to the 21st of August.—This depression formed in the north-west angle of the Bay, and advanced in a northerly direction into Central Bengal on the 20th and filled up on the 21st. It was accompanied and followed by a strong inrush of humid winds which gave heavy rain to Bengal, more especially the northern districts for some days.

Shallow depression of the 26th and 27th of August.—This, like the previous, was a very short-lived storm. It formed in the north-west of the Bay on the 25th and advanced in a northerly direction into Bengal on the 26th, and filled up rapidly. Like the previous storm, it determined a strong inrush of moist winds into Bengal.

Land-formed shallow depression of the 29th and 30th of August.—After the disappearance of the previous storm, heavy rain continued to fall in North Bengal. This concentrated rainfall gave rise to a shallow depression in North Bengal on the 29th. It advanced a little northwards and filled up during the course of the next twenty-four hours.

September.—The mean pressure in the Indian land area during September was ·009″ below the mean. The deficiency was somewhat greater in Tropical than in Extra Tropical India. The following gives the local anomalies (freed from the general variation) :—

METEOROLOGICAL DISTRICT.	Anomaly (negative).	METEOROLOGICAL DISTRICT.	Anomaly (positive).
Punjab	—·001″	North-Western Provinces .	+·013″
Central Provinces . . .	—·016″	Western Rajputana . .	+·014″
Malabar	*Nil*	Central India	+·002″
Deccan	—·006″	Chota Nagpur . . .	+·006″
Carnatic	—·010″	Lower Bengal . . .	+·013″
Ceylon	*Nil*	Assam	+·006″
Arakan and Pegu . . .	—·004″	Konkan	+·019″
Bay Islands	—·005″		

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A comparison of these figures with those of July or August will show that the general character of the anomalies had changed. Pressure was now in slight local excess in Northern India and in defect in the Peninsula and Burma. The anomalies were small and exceeded ·02″ at the following stations only:—Raipur (—·022″), Vizagapatam (—·024″), Bombay and Ratnagiri (each +·021″). The monsoon currents, it may be noted, were very weak during the first fortnight of the month, and a general break in the rains prevailed. They increased in strength during the third week of the month, and two depressions advanced from the Bay. These gave general rain to the greater part of the country. The monsoon currents retreated from Upper India at the beginning of the month. This was followed by a considerable increase of pressure in North-Western India which produced an important change in the position of the trough of low pressure. Its mean position during the month is defined by the stations of Gopalpur, Raipur, Cawnpore and Bareilly.

The distribution of pressure at the commencement of the month was fairly normal, except that pressure was lowest along the foot of the hills from Sialkot to Gorakhpur. Rain was almost entirely confined to Bengal, Burma and the West Coast districts. A very shallow depression slowly formed on the 5th, 6th, 7th and 8th in the centre of the Bay off the coast of Ganjam and the Circars. Its formation was accompanied by the strengthening of the Bombay current across the centre and south of the Peninsula. The depression never developed into a cyclonic storm, and squalls with light variable winds prevailed in it during the whole period. This depression apparently filled up whilst another depression was forming further south in the Bay of which the following gives an account:—

Shallow depression of the 9th to 12th.—This disturbance formed over the central parts of the Bay off the North Coromandel Coast on the 9th, and travelled slowly up the Coast as far as Orissa between the 9th and 12th. It was accompanied with feeble winds and slight rain in its immediate neighbourhood.

The disturbance became more diffused on the 11th and 12th, and disappeared on the 13th, on which day general and heavy rain commenced to fall in the Central Provinces, This was followed by the appearance of a large shallow depression in that area and Chutia Nagpur which formed the chief feature of the weather during the next four days.

Shallow depression of the 14th to 19th September.—On the 14th a large shallow depression lay over the Circars, Orissa, the Central Provinces and the North-West Provinces. It was a feeble diffused disturbance without a definite centre, but occasioned a well-marked cyclonic circulation of the winds and was accompanied with general and moderately heavy rain. On the 15th a well-defined cyclonic circulation was shown over Orissa and the Circars the centre of which was near Gopalpore, and rain had become heavier. On the 16th the depression began to fill up, and on the 17th it was very slight. On the 18th there occurred a slight intensification for a very brief period, but by the 19th the storm had practically disappeared. This storm hardly moved in position during its existence, but the area affected by it was large, and the rainfall and cyclonic circulation of the winds connected with it extended over the greater part of the country.

On the 20th, immediately after the preceding depression had filled up, moderately steep gradients for the season obtained in the Peninsula and the Bay, and moderate to strong south-west monsoon winds prevailed in the Bay and moderately strong westerly winds in the Peninsula. The barometer now began to fall in the north and centre of the Bay, and on the morning of the 22nd a very shallow depression was shown off the coast of the Circars.

Depression and cyclonic storm of the 22nd to the 28th September.—The depression which began to form off the coast of the Circars and Ganjam on the morning of the 22nd intensified during the day, and on the morning of the 23rd a fairly well-marked cyclonic circulation was in existence.

The following observations define its position at 8 A.M. of the 23rd :—

Station or Vessel.	Position at noon.		Barometer.		Wind.		Weather.
	Latitude N.	Longitude E.	Barometer reduced to 32° to sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.	
Gopalpur	...	...	29·647″	—·095″	N	7	......
Vizagapatam . . .	...	...	·659″	—·070″	NW	1	......
S. S. *Chindwara* . . .	15° 12′	81° 24′	·660″	...	WNW	...	Heavy westerly swell.
Lancashire	20° 29′	87° 39′	·692″	...	SE	...	Cloudy.
F. L. V. *Canopus* . . .	21° 0	88° 47′	·749″	...	SE	...	Continuous rain squalls. Moderate wind.

The centre was probably in about Lat. 18° N. and Long. 85° or 86° E. The depression advanced across the coast during the day, and the centre at 8 A.M. of the 24th was probably in Lat. 20° N. and Long. 84° or 84½° E. The following table gives 8 A.M. observations of wind and pressure at the stations nearest the centre at that time:—

Station.	Barometer.		Wind.		Cloud.	Rainfall of previous 24 hours.
	Corrected and reduced to 32° sea-level, and constant gravity.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.		
						Inches.
Gopalpur	29·672″	—·080″	W	14	7	*Nil.*
Cuttack	·747″	+·035″	SE	2	10	0·95
Sambalpur	·663″	—·023″	ESE	1	5	*Nil.*
Raipur	·668″	—·063″	ENE	7	10	1·29

Moderately heavy rain had fallen in Orissa, South Bengal and the Central Provinces during the previous 24 hours.

The depression advanced westwards during the day and was in the central districts of the Central Provinces on the morning of the 25th. The following observations define its position and character at 8 A.M. of the 25th :—

Station.	Barometer.			Wind.		Weather.
	Corrected and reduced to 32° sea-level, and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour during 24 hours.	
Jubbulpore	29·621"	—·089"	—·152"	ENE	2	......
Pachmarhi	?	—·068"	—·166"	NW	5	Continuous rain.
Seoni	·582"	—·099"	—·181"	E	1	Ditto.
Nagpur	·623"	—·081"	—·138"	W	8	Nor'wester with rain.
Raipur	·597"	—·071"	—·143"	ESE	4	......

The centre was hence in about Lat. 21½° N. and Long. 79½° E. at that hour.

Moderately strong cyclonic winds obtained in the Central Provinces, and moderate easterly winds in the Gangetic Plain. Very heavy rain had fallen in the districts of the Central Provinces and Central India to the north-west and north of the centre. The storm now began to recurve rapidly to the north and north-east. It was in the north-eastern districts of the Central Provinces and Bundlekhand on the morning of the 26th. The following gives 8 A.M. observations of that day at stations nearest the centre.

Station.	Barometer.			Wind.	
	Corrected and reduced to 32° sea-level, and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.
Allahabad	29·613"	—·062"	—·131"	ENE	14
Sutna	·560"	—·080"	—·198"	NNE	15
Jubbulpore	·569"	—·052"	—·217"	WNW	2
Raipur	·563"	—·034"	—·191"	WSW	14
Hazaribagh	·655"	—·081"	—·116"	ESE	14

The centre was probably in Lat. 23½° N. and Long. 81° E. More or less general and heavy rain had fallen in the districts through which the storm had passed, and also in Bundlekhand and the eastern districts of the North-Western Provinces. Practically no rain had fallen in the southern quadrant of the storm or in the North Deccan. Strong easterly winds were blowing over the Gangetic Plain, and winds at the head of the Bay were of force 3 to 5. Hence the storm was maintained almost solely by the Bay of Bengal humid current.

The storm continued to recurve during the day and moved in an easterly direction during the next 24 hours into South Bihar and Chota Nagpur. Its centre was in Lat.

24½° N. and Long. 84° E. at 8 A.M. The following observations define its character at this time:—

STATION.	BAROMETER.			WIND.	
	Corrected and reduced to 32° sea-level, and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Velocity in miles per hour during previous 24 hours.
Hazaribagh	29·581″	—·074″	—·205″	S	15
Gaya	·585″	—·070″	—·183″	E	7
Benares	·613″	—·006″	—·144″	NE	12
Sambalpur	·612	—·052	?	SW	3

The depression at the centre was at least a quarter of an inch in amount. Rainfall decreased rapidly in the Central Provinces and Central India during the past 24 hours. Heavy rain had fallen in Bihar and Chota Nagpur, and rainfall was increasing considerably in amount in Bengal. Strong humid winds were blowing across Bengal and Bihar and feeding into the cyclonic circulation.

The storm now began to break up rapidly, and on the morning of the 28th a widely diffused and shallow low pressure area, without any definite centre, covered West Bengal, Bihar, Chota Nagpur and Orissa. The barometer rose rapidly during the day in Bengal, and pressure on the 29th and 30th was lowest in the Circars and adjacent part of the Bay. Excessive rain was received in North Bengal and Bihar on the 28th and 29th when the storm was breaking up.

The storm was an example of a class of storms of frequent occurrence in the month of September, *viz.*, storms which advance from the Bay in a westerly direction to the Central Provinces, and then recurve and advance northwards, or in some cases north-eastwards and eastwards. This recurvature always appears to occur when the Bombay current is feeble and is giving little rain and when pressure in Upper India is increasing rapidly at the termination of the monsoon rains in that part of India. The following table gives data respecting the storm:—

DATE.	POSITION OF STORM CENTRE.		Distance travelled in past 24 hours.	Rate of motion per hour.	Barometric depression at centre.
	Latitude N.	Longitude E.			
			Miles.	Miles.	
23rd	18° 0′	85°30′	...	...	—·10″
24th	20° 0′	84°30′	150	6	—·10″
25th	21°30′	79°30′	315	13	—·20″
26th	23°30′	81° 0′	170	7	—·25″
27th	24°30′	84° 0′	230	9½	—·20″

Very heavy rain fell in north Bengal on the 27th and two following days due to the humid winds from the Bay. The following gives the most remarkable downpours due to this influx :—

DATE.	DISTRICT.	STATION.	Amount in inches.
27th . . .	Bogra . . .	Panchbibi	8·50
	Dinajpur . . .	Mohadebpore . . .	7·80
28th . . .	Ditto . . .	Ditto . . .	8·80
	Rangpur . . .	Rangpur	10·40
	Ditto . . .	Alipore	10·26
29th . . .	Bogra . . .	Bogra	8·94
	Rangpur . . .	Bhawanigunge (Gyabanda) .	27·00 (?)

October.—The mean pressure of the whole of India varied very little from the normal, being only ·003" in excess.

The following table gives the local anomalies :—

METEOROLOGICAL DISTRICT.	Anomaly (negative).	METEOROLOGICAL DISTRICT.	Anomaly (positive).
Punjab	—·009"	Bengal	*Nil.*
North-Western Provinces .	—·001"	Konkan	+·023"
Western Rajputana . .	—·001"	Malabar	+·014"
Central India . . .	—·006"	Deccan	+·005"
Chota Nagpur . . .	—·003"	Carnatic	+·004"
Assam	—·008"	Ceylon	+·015"
Orissa	—·005"	Arakan and Pegu . .	+·002"
Central Provinces . . .	—·002"	Bay Islands	+·003"

Pressure was locally in defect in Northern and Central India and in excess in the Peninsula. The anomalies were less than ·020", except at the following stations in the Bombay Presidency:—

STATION.	Anomaly.
Surat	+·024"
Bombay	+·023"
Ratnagiri	+·024"
Karwar	+·021"

and at the hill stations in Southern Ceylon, where pressure was considerably in excess.

An excess of pressure at the Southern Indian hill stations, if associated, as in this case, with deficient pressure at the Upper India hill stations in October and November, is frequently, if not invariably, followed by heavier rainfall and a more severe cold weather than usual in the mountain region of Northern India.

The mean distribution of pressure for the month differed very slightly from the normal. Pressure was very uniform, and was slightly higher in the land area than in the Bay. A shallow low pressure area covered the Bay during the greater part of the month. Although this is a normal feature of the month, it was more prominent in October 1890 than usual. Notwithstanding, the month was a very quiet one in the Bay. Three disturbances originated in the Bay during the month. Two of these were small and diffused disturbances, and the third a cyclonic storm of moderate intensity.

At the commencement of the month pressure was very uniform in India, and weather was fine, except in Southern India, which received moderate rain (with westerly winds). Pressure decreased in North India on the 3rd and 4th, and a slight inrush of humid winds gave shoers to Bengal on the 4th and 5th. Pressure on the 6th decreased in the Bay and a shallow depression formed over that area. It slightly increased in intensity during the next three days. It was fairly well-marked on the 9th, but winds were very light and irregular over the Bay area on the morning of that day. The Ship *Avon* and the steamers S.S. *Kohinur*, *Foyle* and *Legislator* were in the centre of the depression area on the 9th. The following gives an abstract of the observations recorded in their logs :—

VESSEL.	Hours.	POSITION AT NOON.		Barometer reduced to 32° and to constant gravity.	WIND.		Weather.
		Latitude N.	Longitude E.		Direction.	Force.	
Ship *Avon* . . .	Morning	13° 17′	88° 22′	?	E	2	Gentle breeze and clear.
	Evening	...	...	...	E	6	Strong breeze and hard squalls.
S. S. *Kohinur* . . .	Morning	12° 16′	85° 48′	29·591″	WNW	3	Fine clear weather.
	Evening	...	...	...	NW	8	Fresh gale, heavy squalls.
Ship *Foyle* . . .	Morning	14° 32′	89° 54′	·658″	ESE	4	Moderate breeze and showery.
	Evening	...	...	...	E	5	Fresh breeze.
S. S. *Legislator* . . .	Morning	15° 2′	85° 41′	·644″	Var.	...	Heavy rain squalls.
	Evening	...	...	...	NE	5	Fresh wind and showery.

The weather on the morning of the 9th in the centre of the Bay was similar to that which had prevailed for some days previous. Winds were light and unsteady with occasional showers. The weather changed rapidly during the day and became squally with increasing winds, and a fairly well-defined cyclonic circulation was established on the morning of the 10th.

Depression and cyclonic storm of the 10th to the 15th October.—The centre of the depression and cyclonic circulation which formed in the Bay during the evening and night of the 10th was in about Lat. 14° N. and Long. 84½ E. at 8 A.M. of the 10th. The following gives the 8 A.M. observations taken on board the vessels nearest to the centre at that hour:—

Vessel.	Position at noon.		Barometer reduced to 32° and to constant gravity.	Wind.		Weather.
	Latitude N.	Longitude E.		Direction.	Force.	
S. S. *Loodiana*	11° 54′	84° 51′	29·703″	W	6	Strong breeze, occasional rain squalls.
S. *Glenricht*	12° 40′	87° 40′	·701″	SW	5	Fresh winds and fine.
S. S. *Rajputana*	16° 7′	93° 42′	·710″	ESE	5	Fresh breeze and fine.
S. *Avon*	16° 25′	88° 50′	?	E	6	Strong breeze, heavy squalls.
S. *Foyle*	17° 38′	90° 36′	·717″	ESE	5	Fresh breeze and showery.
S. S. *Kohinur*	12° 33′	82° 4′	·651″	NW	8	Hard gale, thick rainy weather.

A rapid fall of pressure occurred during the next 24 hours at the coast stations of the Circars, thus indicating that the depression in the centre of the Bay was increasing rapidly in intensity. The observations taken on board ships indicate that the centre at 8 A.M. of the 11th was in about Lat. 15½° N. and Long. 84½° or 85° E. The following gives a summary of the observations taken at that hour on board vessels nearest to the centre:—

Vessel.	Position at noon.		Barometer reduced to 32° and to constant gravity.	Wind.		Weather.
	Latitude N.	Longitude E.		Direction.	Force.	
Ship *Glenricht*	15° 34′	87° 56′	29·701″	S	4	Moderate winds and cloudy.
S. S. *Loodiana*	16° 2′	86° 39′	·661″	SSE	5	Fresh breeze.
S. S. *Clan Buchanan*	17° 18′	84° 17′	...	NE	6	Strong breeze with fierce squalls.

These observations indicate that the disturbance was of small extent and feeble intensity. The area of squally weather was, however, extending, and squalls were experienced in the north of the Bay during the afternoon and evening. The storm drifted slowly northwards during the next 24 hours and increased slightly in intensity. The centre at 8 A.M. of the 12th was probably in about Lat. 16¾° or 17° N. and Long. 85° E. It is, however, not possible to locate it exactly, as there was no ship near the centre during the day. The following give ship observations in the storm area:—

Vessel.	Position at noon.		Barometer reduced to 32° and to constant gravity.	Wind.		Weather.
	Latitude N.	Longitude E.		Direction.	Force.	
S. *Glenricht*	18° 1′	88° 29′	29·701″	S	...	Showers in morning. Squally with heavy rain in afternoon.
S. S. *Loodiana*	20° 13′	87° 54′	·709″	SE	5	Fresh breeze and heavy rain.

The S. S. *Nevasa* lying at anchor near Saugor Island during the night had strong east breezes and squalls and heavy rain.

So far as can be judged from the data, the storm was still of moderate intensity and extent, but was evidently increasing as squalls were now experienced 300 to 400 miles north of the centre.

The depression was off the Ganjam coast on the morning of the 13th, the centre being probably in about Lat. 19° N. and Long. 85½° E. or Long. 86° E. The following gives observations in the storm area:—

STATION OR VESSEL.	POSITION AT NOON.		BAROMETER.			WIND.		Weather and sea.
	Latitude N.	Longitude E.	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Force.	
Gopalpur	...	...	29·650″	—·012″	·195″	NNW	Strong	Sea rough.
S. S. *Satara*	Off Vizagapatam		·729″	...	...	...	2	Gentle breeze.
S. S. *Goa*	16° 54′	86° 15′	...	...	...	S	6	Heavy rain squalls.
Ship *Glenricht*	20° 31′	89° 1′	·791″	...	...	S	...	Squally.
Saugor Island	...	...	·647″	—·117″	—·192″	SSW	Strong	Heavy rain.

The observations generally indicate that the storm was of very moderate intensity, and that winds were probably by no means violent near the centre.

The depression crossed the coast of South Orissa on the evening of the 13th and was in North Orissa on the morning of the 14th. The following observations define its position at 8 A.M. of that day:—

STATION.	BAROMETER.			WIND.	
	Corrected and reduced to 32° sea-level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Average velocity miles per hour during previous 24 hours.
Cuttack	29·651″	—·049″	—·180″	SW	2
Saugor Island	·647″	—·117″	—·192″	SSW	19
Burdwan	·663″	—·119″	—·194″	E	8
Hazaribagh	·660″	—·144″	—·212″	NNE	10

The centre was probably in Lat. 22° N. and Long. 86½ E. at that hour, and the depression at the centre probably exceeded a quarter of an inch. Strong south winds obtained in the north-west angle of the Bay with heavy to hard squalls, and weather was disturbed in South-west Bengal and Orissa where heavy rain was falling. The storm was, however, now filling up, and although (judging from the pressure data) it apparently passed northwards into Central Bengal on the 15th, winds were very irregular in that area and showed that the cyclonic circulation had already broken up. The area of heavy rainfall in this storm was throughout steadily ahead of the centre of the disturbance, this feature of the storm being even more clearly defined than is usually the case in India.

The storm was throughout of moderate intensity and extent, and it was probably most severe when approaching the Orissa Coast and passing through Orissa. The following gives data of the storm :—

Date.	Position of storm centre.		Distance travelled in past 24 hours.	Rate of motion in miles per hour.	Amount of depression.
	Latitude N.	Longitude E.	Miles.		
10th	14° 0′	84° 30′	...	...	...
11th	15° 30′	84° 30′	100	4	—·20″
12th	17° 0′	85° 0′	100	4	—·20″
13th	19° 0′	85° 30′	135	5½	—·25″
14th	22° 0′	86° 30′	225	9	—·22″

The barometric movements of the next four days in India were large and irregular and of little importance, except that their chief result was to establish uniform pressure over nearly the whole of the Bay on the morning of the 19th.

Shallow depression of the 19th to the 24th.—A shallow depression began to form on the 19th to the south-west of Diamond Island, and weather became rapidly worse. The S. S. *Nuddea*, in Lat. 16° 43′ N. and Long. 93° 24′ E. at noon of the 20th, had increasing winds with heavy to strong squalls, and the S. S. *Chanda*, in Lat. 17° 20 N. and Long. 92° 12′ E. at noon, had a moderate gale with incessant rain in the morning and frequent heavy squalls in the afternoon. The depression advanced northwards during the next 24 hours, and the centre was in about Lat. 17° N. and Long. 90° E. at 8 A.M. of the 21st. The following gives observations taken on board ships near the centre at that hour :—

Vessel.	Position at noon.		Barometer corrected and reduced to 32° sea-level and constant gravity.	Wind.		Weather.
	Lat. N.	Long. E.		Direction.	Force.	
S. S. *Kasara* . . .	15° 56′	93° 1′	29·832″	SE	...	Fresh breeze and squally.
S. S. *Bhundara* . .	17° 0′	91° 32′	·790″	S	...	Light variable airs and cloudy.
Ship *Fazel Curreem* . .	17° 54′	89° 00′	·849″	NNE	...	

The centre was almost certainly not more than 150 miles to the west of the *Kasara* and *Bhundara*, and yet these vessels had light to fresh breezes. Squalls were of occasional occurrence in various parts of the Bay, but winds were everywhere light to moderate in strength except in the squalls.

The depression advanced to the north of the Bay during the next 24 hours and crossed the coast of the Sunderbunds probably at about 8 or 9 A.M. Northerly winds, force 5—7, were experienced on board the Eastern Channel Light Ship stationed at the entrance to the Hooghly. The S. S. *Chanda* and *Bhundara* which passed into the Hooghly during the morning had moderate fresh winds with squalls.

The disturbance was in East Bengal on the morning of the 23rd, the centre being near Furreedpore, but it was then of little importance. It filled up gradually during the course of the next 36 hours, and was very shallow on the morning of the 24th, when the centre was near Serajganj.

After the disappearance of this depression pressure increased in North-Western India, and was upwards of a tenth of an inch higher on the 26th in Upper India than in the centre and south of the Bay, where pressure was lowest. North-easterly winds prevailed in the Coromandal coast districts, and the Peninsula south of Lat. 16° N. received fairly general and moderate rain from the 26th to the end of the month.

November.—Pressure was above the normal over the whole of India. The excess averaged ·030″ for the whole of India, and was slightly greater (·009″) in Tropical than in Extra Tropical India. The local anomalies are shown in the following table:—

Meteorological District.	Anomaly (negative).	Meteorological District.	Anomaly (positive).
Punjab	—·002″	North-Western Provinces .	+·004″
West Rajputana . . .	—·012″	Lower Bengal . . .	+·004″
Central India	—·010″	Orissa	+·005″
Chota Nagpur . . .	—·003″	Konkan	+·005″
Assam	—·001″	Malabar	+·001″
Central Provinces . . .	—·006″	Deccan	+·001″
		Carnatic	+·011″
		Ceylon	+·007″
		Pegu	+·009″
		Bay Islands	+·013″

The anomalies were negative in North-Western and Central India and the North Deccan and positive in other districts. They were in all cases small in amount, thus showing that the relative distribution of pressure was almost identical with the normal. The excess of pressure was slightly greater at the Southern India and Ceylon hill stations than at the neighbouring plain stations, whilst the reverse was the case in Northern India. The mean pressure of the month ranged from 30·11″ at Peshawar to 29·92″ in South Madras and Ceylon, giving a mean range of very nearly ·2″.

Anti-cyclonic conditions obtained in Northern and Central India at the beginning of the month. Weather was slightly disturbed off the east and west coasts of the Peninsula, and very shallow depressions apparently existed off these coasts. The barometer rose rapidly in Northern India on the 4th and fell on the Bombay coast and the shallow depression off that coast intensified slightly. Westerly winds prevailed at this time in the Arabian Sea between Lat. 8° to 12° N. and Long. 62° and 70° E., whilst winds were north-east to east in the north and centre of that sea. Weather was very squally in the southern and eastern portion of this area. Similar conditions continued on the 5th, 6th, and 7th. A large shallow depression, in which weather was disturbed with squalls and strong but somewhat unsteady winds, extended from the Malabar and Konkan coasts as far as Long. 64° E. on the 9th. Pressure began to increase in that area, and the weather to improve, and the logs of vessels indicate that on the 12th north-east winds obtained over the whole of the Arabian Sea. Light rain continued to be received in Southern India until the 14th. Pressure was above the normal to a moderate extent, the excess being slightly greater in Southern than in Northern India. A very slight disturbance gave some showers in the Punjab on the 19th. With this exception fine dry weather obtained over the whole of India from the 15th to the 23rd, during which period pressure became more and more largely in excess of the normal. On the 23rd the excess ranged from ·04″ at Kurrachee to ·15″ at Sibsagar. A few light showers were received in the Punjab and South Madras on the 24th, 25th and 26th, during which period a further increase of pressure occurred in Upper India. During this period north-east winds extended southwards over the south-east of the Bay, and on the 27th obtained over the whole of the Bay. No change of importance occurred during the last three days of the month, except that pressure gave away rapidly in North-Western India.

December.—The mean pressure over India during the month was ·004″ in defect. In Extra Tropical India pressure was on the average ·014″ in defect, and in Tropical India it was ·007″ in excess. The local anomalies were larger and more marked than they had been for some months. The following table gives the mean local anomalies:—

Meteorological district.	Anomaly (positive.)	Meteorological district.	Anomaly (negative.)
Konkan	+·023″	Punjab	—·009″
Malabar	+·024″	North-Western Provinces	—·015″
Deccan	+·014″	West Rajputana	*Nil.*
Carnatic	+·017″	Central India	—·020″
Ceylon	+·027″	Chota Nagpur	—·017″
Bay Islands	+·027″	Lower Benga	—·010″
		Assam	—·030″
		Orissa	—·014″
		Central Provinces	—·009″
		Arakan	—·001″

The anomalies were negative to the north of Lat. 16° N., and the local deficiency of pressure was greatest in a belt at the foot of the hills from Rawalpindi to Sibsagar. The following gives the most noteworthy negative anomalies:—

Station.	Pressure anomaly.
Rawalpindi	—·023″
Ludhiana	—·024″
Dehra	—·024″
Lucknow	—·022″
Patna	—·030″
Sibsagar	—·058″

The deficiency was even larger at the hill stations in Northern India than at the level of the plains :—

HILL STATION.	Variation of the mean pressure of month from the normal.	PLAIN STATION.	Variation of the mean pressure of month from the normal.
Quetta	—·052″	Jacobabad	+·014″
Murree	—·035″	Rawalpindi	—·027″
		Peshawar	—·002″
Leh	—·058″	Lahore	—·020″
Darjeeling	—·036″	Dhubri	—·020″

The contrast of conditions was most marked in the Western Himalayas and on the North-West Frontier.

Pressure was locally excessive in the Peninsula, the excess increasing in amount from Lat. 16° N. southwards. It was more than ·025″ at the following stations :—

STATION.	Pressure anomaly.
Ratnagiri	+·034″
Negapatam	+·039″
Madura	+·039″

As in the preceding two months, the excess was greater in amount at the hill stations in Southern India than at the neighbouring plain stations, *e.g.*,—

HILL STATION.	Variation of the mean pressure of month from the normal.	PLAIN STATION.	Variation of the mean pressure of month from the normal.
Wellington	+·036″	Coimbatore	+·021″
Newera Eliya	+·051″	Colombo	+·018″

Hence it is almost certain that there was a moderate excess of pressure in the higher strata over Southern India and Ceylon and a considerable deficiency in the same strata in Northern India. Pressure ranged from 30·12″ in Upper India to 29·93″ in Malabar and 29·91″ in Ceylon. The range of pressure was hence almost identical with that of the previous month, and the mean distribution of pressure in December differed little from that of November.

The barometer fell steadily and rapidly in Upper India on the 29th and 30th November. This was followed by a slight disturbance giving showery weather in Beluchistan, the Punjab, and the western districts of the North-Western Provinces and adjacent hill districts. Pressure again increased rapidly in Northern India, and fine weather with anti-cyclonic conditions prevailed from the 3rd to the 7th, except in Southern India and Ceylon, where light showers were received, chiefly on the 5th and 6th. The period from the 6th to the 15th was generally fine, but pressure was steadily below the average, the deficiency being large in Northern India near the hills, where it exceeded a tenth of an inch on the 11th. Pressure decreased rapidly on the North-West Frontier on the 14th. This preceded the appearance of a cold weather storm.

Depression of the 14th to the 16th December.—The weather in the north of the

Arabian Sea during this disturbance is shown by the following extracts from the logs of vessels. The S. S. *Kilwa* from Lat. 24° 51′ N. Long. 64° 48′ E. at noon of the 15th until her arrival at Kurrachee at 8 A.M. of the 16th experienced strong variable winds, dark squally weather, vivid lightning, and heavy showers of rain. The S. S. *Simla* after leaving Mandvi for Kurrachee at 5 P.M. of the 15th had fresh to strong winds (force 5 to 6) and much rain with occasional hard squalls. As already stated, the barometer began to fall rapidly on the 14th, and a large shallow depression in which pressure was more than a tenth of an inch below the normal covered Sind on the morning of the 15th. It advanced into Central Rajputana on the morning of the 16th. The following observations define its position at 8 A.M. of that day:—

Station.	Barometer.			Wind.		Cloud.
	Corrected and reduced to 32° sea level and constant gravity.	Change since previous day.	Variation from normal.	Direction.	Average velocity in miles per hour during previous 24 hours.	
Mount Abu	?	—·071″	—·106″	SW	8	2
Ajmere	29·972″	—·124″	—·154″	SE	1	5
Jeypore	·981″	—·107″	—·135″	ENE	5	7
Bikaneer	?	?	?	NE	6	10

The cyclonic circulation was hence very imperfectly developed. Skies were partially clouded in Rajputana, and were overcast in the Punjab, where general rain had fallen. The depression continued to advance eastwards, but filled up rapidly and disappeared on the 17th in Chota Nagpur and the eastern districts of the Central Provinces. It gave light to moderate rain to the Punjab and western districts of the North-Western Provinces, and moderately heavy snow in the hill districts.

Weather continued slightly unsettled with much cloud and occasional showers for some days in the Punjab. Strongly marked anti-cyclonic conditions and fine clear weather obtained from the 22nd to the 24th.

Depression and cold weather storm of the 25th.—The observations at Bagdad and Bushire from the 22nd to the 24th indicate that weather was very unsettled with strongish winds and rain. The following gives Bushire observations of this period:—

Date.	Barometer reduced to 32° sea level and constant gravity.	Wind.		Mean temperature.	Rain.
		Direction.	Force.		
				°	Inches.
22nd	29·994″	SE	9	61·6	2·67
23rd	·937″	NW	9	57·4	0·28
24th	30·207″	NW	11	52·0	*Nil.*

Weather was very disturbed at this time in the Persian Gulf and head of the Arabian Sea. The S.S. *Kilwa* experienced on the morning of the 23rd in about Lat. 26½° N. and Long. 56½° E., a strong gale, high confused sea and heavy rain. On the 24th the same vessel was at Bunder Abbas. She had during the afternoon a strong gale and squally weather, and on the 25th at Linga she had a fresh to strong gale. The S. S. *Simla*, from Lat. 26½° N., Long. 54½° E. on the 23rd to her arrival at Bahrein on the 24th, had a moderate to fresh gale, frequent squalls and a high sea. It is hence probable that a shallow but extensive cyclonic disturbance was propagated eastwards through Persia and Beluchistan between the 21st and 24th. On the other hand the barometric changes in Beluchistan and the North-West Frontier stations were very irregular on the 23rd and 24th, and appear to be opposed to the suggestion of the advance of a definite cyclonic storm (in the lowest atmospheric strata) across Beluchistan. The barometer was low at Murree on the morning of the 24th, and strong south-east winds were blowing at that station on the morning of the 25th. A very shallow depression with its centre near Montgomery at that hour overlay the South-West Punjab and Upper Sind. The circulation in the area of depression was irregular, and the storm was of little importance, judging from the amount and extent of the depression only. Moderately heavy rain had nevertheless fallen in the North Punjab and heavy snow in the hill districts. The depression was transferred to the eastern districts of the North-Western Provinces and the adjacent districts of the Central Provinces and Chota Nagpur on the 26th, where pressure had fallen from one to two-tenths of an inch. It then passed into North and Central Bengal on the 27th, but was filling up rapidly and disappeared during the next 24 hours. The storm gave no rain on the 26th and 27th.

Pressure increased generally on the 27th, and was more or less above the normal on the 28th. Anti-cyclonic conditions continued in Northern India until the end of the month.

Southern India received a few showers on the 30th, but the retreating south-west monsoon rains practically ceased there on the 26th of November, although some light showers were received on the 6th, 7th and the 30th December.

Year.—The preceding discussion has stated fully all the more important features of the distribution of pressure throughout the year. It remains to draw attention to certain features in that distribution which appear to be of special importance.

One of the more remarkable features of pressure distribution in the Indian area is the oscillations of long period. In the report for 1889 data were given showing that the mean pressure of the whole Indian area was above the normal from September 1888 to May 1889. The following table gives mean monthly pressure and temperature variation data of the whole of India for this period:—

MONTH AND YEAR.	VARIATION OF	
	Mean pressure of month from normal.	Mean temperature of month from normal.
	"	°
September 1888	+·029	+0·5
October "	+·042	+0·3
November "	+·009	+0·7
December "	+·026	—0·2
January 1889	+·017	+1·9
February "	+·024	+0·9
March "	+·051	+1·6
April "	+·008	+1·6
May "	+·031	+1·3

This period of continuous excess pressure was followed by a period of four months, during which the mean pressure was practically normal. The following gives data for this period:—

Month and year.	Mean pressure variation of the whole of India.	Mean temperature variation of the whole of India.
	"	°
June 1889	+·005	+0·5
July "	+·004	+0·6
August "	—·018	+0·1
September "	0	+0·3

The deficiency in August was the first marked indication of the transition from a period of excessive pressure to a period of equally persistent deficient pressure. The following gives a statement of the average deficiency of pressure during this period from the month of October 1889 to July 1890:—

Month and year.	Mean pressure variation of the whole of India.	Mean temperature variation of the whole of India.
	"	°
October 1889	—·033	0
November "	—·037	+0·3
December "	—·016	+1·2
January 1890	—·042	+0·9
February "	—·002	+1·6
March "	—·044	+0·2
April "	—·004	+0·4
May "	—·022	+0·6
June "	—·016	—0·5
July "	—·008	—1·1

It will be seen that this period of diminished pressure lasted for ten months. The mean deficiency during this period was ·022". The mean excess during the period of nine months from September 1888 to June 1889 was ·026". This period of nearly two years was hence one of a single oscillation, the mean range of which was very nearly ·05" in amount and common probably to the whole Indian land and sea area, and the total amplitude probably at least a tenth of an inch in amount.

An interesting feature in this oscillation was the two-monthly oscillations superimposed on the general oscillation during the greater part of the long period oscillation.

The temperature variations of the whole period, which are also given in the preceding tabular data, show that there was no oscillation in the mean temperature of India comparable with that of the mean pressure, and hence that the causes of these oscillations of long amplitude cannot be explained by changes of temperature only, and are evidently due to some more general cause or action.

It may also be noted that the mean variations of pressure during the greater part of the period were practically the same in amount in Tropical as in Extra-Tropical India, and also that they were generally similar in character and amount at Aden and Port Blair: a further proof that they extend probably over the whole of Tropical Asia. It would be very interesting to know the extension of the oscillation in 1890, but material is not available at present for its determination.

The termination of this oscillation of long period was followed by a period of three or four months during which the mean pressure of India varied slightly and somewhat irregularly from the normal.

The following gives data for this transition period :—

Month and Year.	Variation of	
	Mean pressure of month from normal.	Mean temperature of month from normal.
	"	°
August 1890	+·018	−1·0
September „	−·009	−0·4
October „	+·003	−0·2

This was followed by a period of increased pressure lasting up to the present time (January 1892). The following gives information for this period for comparison with the corresponding period of increased pressure of the preceding oscillation :—

Month and Year.	Variation of	
	Mean pressure of month from normal.	Mean temperature of month from normal.
	"	°
November 1890	+·030	−0·1
December „	−·004	+1·2
January 1891	+·005	−0·1
February „	+·022	+1·5
March „	+·015	−0·5
April „	+·028	−0·3
May „	+·015	+1·5
June „	+·014	−1·0
July „	+·031	−1·0
August „	+·012	−0·8
September „	−·003	−0·2
October „	+·035	−1·0
November „	+·004	+0·5
December „	+·041	+1·8

Various causes might be assigned to these long-period pressure variations. A reference, to the data of the previous table shows that they have either nothing to do with temperature or, if they have, that the temperature is also affected by other independent variations which obscure the variations accompanying these pressure changes—a very improbable supposition. They might be assigned to persistent variations in the amount of aqueous vapour present in the air. The data, however, show that during a considerable portion of each period they are almost identical in amount in Tropical and Extra-Tropical India, and persist independently of the great humidity differences of the north-east and south-west monsoon periods, and are shown as markedly in the dry districts of Sind and Rajputana as in the damp districts of Assam and Bengal. They are also shown as might be expected as clearly at the hill stations as at the plain stations.

Hence they cannot be due to mere local causes or local anomalies. The one and perhaps most probable and important cause, considering their tendency to an annual or bi-annual period, is that in the partial adjustment of pressure between the two hemispheres consequent on the semi-yearly unequal heating of the two hemispheres, the transfer of air is sometimes slightly greater than the mean transfer and sometimes a little less.

According to this view there would be superimposed on the mean annual transfer between the hemispheres oscillatory movements, one of the most important of which appears to be of double the period of the great annual flux or movement between the two hemispheres. The question of these long period pressure variations in the tropics of Southern Asia is one of great importance for which materials are gradually accumulating that will enable the subject to be dealt with thoroughly and their origin to be solved. Professor Cleveland Abbé in his recently published work entitled " Preparatory Studies for Deductive methods in Storm and Weather Prediction " had, so far as I can judge, such long period oscillations in view in his remarks on the distribution of temperature in the atmosphere and its cause. He states that " there is a stratum at a great elevation wherein absorption, both of the solar and terrestrial radiation, is less than its own radiation, whose temperature is essentially due to conduction, and is sensibly that of such matter in the adjoining space as does not partake of the motion of the earth. This highest stratum may at times let some of its coldest air descend, but this convection is an important feature only in great general changes that require months or years to complete their cycle."

Fuller investigation of these long period oscillations of pressure appears to be necessary before their cause can be stated with certainty, but Professor Abbé's valuable and suggestive speculation undoubtedly indicates a possible sufficient cause.

The following gives a statement of the variations month by month in 1890 at the hill stations in Northern India and of the plain stations of Extra-Tropical India for comparison:—

MONTH AND YEAR.	NORTHERN INDIA.		NORTHERN INDIA.	
	Hill.	Plain.	Hill.	Plain.
	Pressure variation.	Pressure variation.	Temperature variation.	Temperature variation.
	″	″	°	°
January 1890	+·010	—·041	+4·3	+2·0
February „	+·030	+·002	+4·1	+2·6
March „	—·053	—·047	—1·7	—0·2
April „	+·009	—·003	+1·4	+1·1
May „	+·004	—·022	+1·0	+1·1
June „	—·012	—·017	—0·1	—0·2

MONTH AND YEAR.	NORTHERN INDIA.		NORTHERN INDIA.	
	Hill.	Plain.	Hill.	Plain.
	Pressure variation.	Pressure variation.	Temperature variation.	Temperature variation.
	"	"	°	°
July 1890	—·043	—·026	—0·8	—1·2
August "	—·002	+·017	—1·0	—1·2
September "	—·005	—·004	—0·5	—0·1
October "	—·011	—·001	0	—0·1
November "	+·023	+·025	—0·1	—0·2
December "	—·018	—·014	—1·0	—0·7

The preceding table shows that the temperature variations were throughout the whole period the same in sign for the hill and plain stations of Northern India, but that the variations were greatest at the hill stations during the cold weather and at the level of the plains in the rains. The pressure variations of the hills and plains show less parallelism than the temperature variations. They differed in sign in two out of twelve months of the year. The deficiency in the month of January accompanied increased temperature, and in that case the deficiency was greater at the level of the plains than at the hill stations. In March the deficiency accompanied decreased temperature, and in that case the deficiency was greater at the level of the hills than of the plains. These, it may be noted, are very generally, if not invariably, the pressure relations which hold in these two cases during the cold and hot weather. The same also appears to occur generally, but not invariably, in the rainy season, but pressure relations are evidently more complex at that season than during the cold and hot seasons.

The cold weather months of January and February were noteworthy for the small number of cold-weather storms and the general deficiency of rainfall in Northern India. The causes of this, so far as can as yet be traced, are not to be found in the pressure and other conditions of the lower strata in India. In January and February 1890 these conditions accompanied deficient pressure in the lower air strata, whereas in January 1892, a month even more free from storms than January 1890, the pressure was largely in excess. In all the more important cases of very deficient cold weather rainfall in Northern India and snowfall in the mountain districts I have examined, pressure is usually considerably in excess at the higher Himalayan stations of Leh and Kailang and at Quetta in Beluchistan. This was undoubtedly the case in January and February 1890, as is seen by the following:—

MONTH AND YEAR.	PRESSURE VARIATION AT				
	Quetta.	Kailang.	Leh.	Mean Hills, Northern India.	Mean Plains, Northern India.
	"	"	"	"	"
January 1890	+·038	+·024	+·013	—·010	—·041
February "	+·045	+·050	+·030	+·030	+·002

These data show that there was a considerable accumulation of pressure in the higher atmospheric strata to the north and north-west of Upper India. The data for the Ceylon hill stations cannot be accepted as correct, but those for Wellington certainly point to a deficiency in the middle strata in Southern India during February.

Deficient pressure at the hill stations in Southern India and excessive pressure at the hill stations in Upper India (more specially Quetta and Leh) frequently (if not invariably) precede and accompany deficient rain, as Mr. Blanford has already pointed out in these Annual Reports. The absence of cold weather storms in January and February 1890 is a further illustration of the same general principle.

It may be noted that the showery weather of March accompanied a great deficiency of pressure at Leh (—·102″) and Quetta (—·058″), both of which stations were quite outside the areas of showery weather.

The pressure variations of the month of April were small in amount, and the mean distribution of pressure agreed closely with the normal. In the preceding two months pressure had been in moderate excess at the western extremity of the Indo-Gangetic plains and in slight defect in the eastern extremity, including Bengal, Assam and Bihar. These conditions almost disappeared in April. The great heat of May gave rise to very large and well marked anomalies, the chief being possibly a re-development of the pressure features of February and March stated above.

The chief features were:—

1st.—Deficient pressure or negative anomalies in North-Eastern India, Burma and the north of the Bay, the local deficiency being greatest in the north of the Bay.

2nd.—Excessive pressure or positive pressure anomalies in Western and North-Western India and the Deccan. The local excess was greatest in Kathiawar and North Bombay.

One important effect of these variations was to displace the mean position of the hot weather trough of low pressure further to the north than usual.

It is evident that the presence of these large pressure conditions in India would modify very considerably the direction and intensity of flow of the south-west monsoon current advancing from the sea area into it. These effects would probably be:—

(1) To divert the Bay of Bengal current more largely to Burma and East Bengal than usual, and to confine it to a narrower belt to the south of the Himalayan mountain barrier than usual.

(2) To divert the Bombay monsoon current away from Rajputana and Central India, but more directly across the Peninsula, and to give it further extension than usual into the North-Western Provinces and West Bengal.

(3) These results would tend to give the south-west monsoon trough of low pressure a mean position further to the north than usual, and hence to give a more northerly course to the majority of the cyclonic storms of the rains.

A reference to the rainfall section will show how far the distribution of rainfall supports the first and second inferences. A glance at the chart track of the south-west monsoon storms of 1890 (more especially when compared with those of previous years) will shew that the mean track was more northerly than usual, and approximately coincided with the displaced position of the south-west monsoon trough of low pressure.

As is very frequently the case, the advance of the monsoon reversed the pressure anomalies in India for a brief period. Thus pressure in June was locally excessive in North-Eastern India and deficient in Western India. The variations, however, reverted to their previous features in July and August, but were smaller in amount than in May.

It is also noteworthy that the first large advance of the monsoon currents up the Bay of Bengal and the Arabian Sea was attended in each case by the formation of a cyclonic storm. The first large advance in the Bay occurred unusually early in May. It gave rise to a small but deep depression which formed near the Andaman Islands and passed into Central Burma.

The permanent advance in the Arabian Sea took place in the first week of June. Weather was very squally and disturbed for some days in front of the advancing current, and finally, when it was to the 18th parallel of latitude, the disturbance developed rapidly into a cyclonic storm, which marched in a west-north-west direction across the north of the Arabian Sea to the entrance to the Persian Gulf, where it broke up. The disappearance of the storm was almost immediately followed by the permanent advance of humid winds from the Bombay coast into the interior.

The pressure variations of the month of September were generally small in amount and apparently of little importance. It formed a transition period between the strongly marked variations of the rains proper and those of the last three months of the year.

The pressure variations of the last three months of the year are of much interest. The retreating south-west monsoon gave less rain than usual to the Madras coast districts, and the cold weather storms commenced unusually early, and gave frequent and unusually heavy rain in Northern India and excessive snow in the hill districts of Upper India and Afghanistan.

Pressure increased more rapidly than usual in North-Western and Western India in the latter part of September and beginning of October. Hence during the first three weeks of October pressure was lower in Burma and the east of the Bay than in the Madras coast. During this period Burma obtained frequent rain, whilst the commencement of the so-called north-east monsoon rains on the Madras coast was greatly retarded. Pressure increased rapidly in Burma on the 20th and following days, thus reversing the pressure relations between the east and west of the Bay and general rain commenced in Madras. The rains continued until the middle of December, but were much below the normal amount.

A very remarkable feature of this period was the absence of cyclonic storms in the Bay. Two storms formed during the first three weeks of the month of October, and in accordance with the abnormal pressure conditions advanced northwards to the head of the Bay, instead of westwards to the mid-west coast (the usual track in October). But after these storms not a single storm of any importance formed, and the west coast of the Bay enjoyed an exceptional immunity from storms during this period of the retreating south-west monsoon.

The following table shows that the pressure conditions which obtained in December 1890 were opposite to those of the dry months of January and February.

MONTH AND YEAR.	PRESSURE VARIATION AT				
	Quetta.	Leh.	Kailang.	Hill station.	Northern India.
	″	″	″	″	″
November 1890	—·003	+·017	+·033	+·023	+·025
December „	—·052	—·058	—·017	—·018	—·014

These figures shew that during these two months, although the average pressure was on the average in moderate excess at the level of the plains in Northern India, it was slightly in defect at Quetta in November and largely in defect in December. At the same time pressure was very largely in excess at the level of the hill stations in Southern India and perhaps Ceylon. The following give data for Wellington, where the observations are very accurately taken by Sergeant Brownsell:—

STATION.	VARIATION OF PRESSURE FROM NORMAL.	
	November 1890.	December 1890.
	″	″
Wellington	+·043	+·036

The excessive pressure at Wellington and deficient pressure at Quetta, Leh and other hill stations indicated the presence of abnormally steep gradients in the middle and upper atmosphere. Evidence has been given in previous reports in favor of the assumption that cold weather storms are essential features of the middle or higher and not of the lower atmospheric strata. The pressure variations at the hill stations in November and December 1890, when considered in conjunction with the abnormally stormy weather of the cold weather of 1890-91, appear to be a strong confirmation of this supposition.

WINDS.

The wind data of this element of meteorological observation given in the Appendix of the present report consist of observations of the amount of wind as registered by the anemometer and of the wind direction at 81 stations in India taken daily at 10 and 16 hours. For the Madras Observatory the directions at noon and midnight are given. At Lahore, Dehra, Roorkee, Lucknow, Allahabad, Dhubri, Chittagong, Saugor Island, Hazaribagh, Darjeeling, Nagpur, Jeypore, Deesa, Belgaum, Bombay, Poona, Vizagapatam, and Rangoon, the directions are also given for 4 hours and 22 hours, and at Calcutta, Leh, Allahabad, and Bombay for 6 hours and 22 hours. At all these stations, except Leh and Vizagapatam, the directions are taken from the traces of autographic instruments.

At nearly all stations the total movement of the air is recorded by anemometers. At Calcutta, Madras, Rangoon, Saugor Island, Chittagong, Darjeeling, Allahabad, Lucknow, Roorkee, Dehra, Jubbulpore, Nagpur, Bombay, Belgaum, Dhubri and Deesa, the instruments are large Beckley's anemographs of the Kew pattern. The remaining stations are provided with small Robinson's anemometers, in some cases with trains of five recording wheels, and in others with two (Casella's improved pattern). The elevations and positions of the various anemometers in use were given in the report for 1885.

Table VII (Appendix) gives an abstract of the wind directions recorded at 81 stations in 1890. The abstract for each station specifies the number of times that each of eight wind directions and calms was observed at each hour of record, and the total of each month. The trigonometrical resultant of these observations computed by Lambert's formula (an equal value being given to each observation), the mean diurnal movement of the air, and the average monthly values of the last two data, computed from as many years as anemometric registers have been furnished by each station, are given in the following Tables XX and XXI. The charts, Plates II to IV, show the wind resultants by arrows, the lengths of which indicate the comparative excess of wind prevalence in the direction, drawn on a scale such that five-eighths of an inch would represent a wind blowing continuously in the same direction throughout the month, or 100 per cent. of the observations.

Table XX below gives the mean wind direction at each station for each month of the year 1890 and the normal mean monthly wind directions, and Table XXI the mean daily air movement in each month of the year 1890 for all stations provided with anemometers, and the normal mean daily air movement for each month as determined from observations for a number of years (in the great majority of cases exceeding ten).

TABLE XX.—*Average and actual (for 1890) mean direction and steadiness of wind of 81 stations in India, etc., for each month of the year.*

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Murree .	Normal .	35S54E	29S39E	28S35E	16S40E	13S18E	12S2W	14S15E	12S4E	8S52E	10S30E	17S46E	31S58E
	Actual, 1890	55S57W	64S47E	59S44E	52S53E	39S29E	35S28W	29S29E	11S9E	8S76W	34S19E	35S52E	85S48E
Chamba .	Normal .	13S70E	7N21E	19N1E	17N10W	14N16W	25N27W	35N39W	33N33W	13N11W	7N11E	14S65E	16S58E
	Actual, 1890	24N80W	41N50W	50N48W	57N50W	58N51W	68N45W	64N41W	68N46W	55N43W	29N49W	8N85W	4S16W
Kailang .	Normal .	48S68W	64S69W	71S64W	72S61W	70S61W	67S66W	63S83W	61S80W	63S57W	68S49W	65S53W	46S44W
	Actual, 1890	76S64W	85S72W	79S78W	83S64W	68S65W	77S62W	77S87W	67S68W	71S70W	65S51W	66S58W	52S76W
Simla . .	Normal .	19S31W	28S22W	31S42W	38S69W	51S66W	40S76W	25S63W	28S77W	30S78W	35N87W	32S89W	18N83W
	Actual, 1890	53S6W	71S12W	65S18W	67S33W	72S34W	59S44W	42S74W	24S36W	46S52W	61S42W	27S46W	58S17E
Peshawar .	Normal .	6S19E	9N21W	17N11E	24N9E	32N16E	32N44E	50N50E	55N40E	55N39E	35N54E	15N73E	8S2E
	Actual, 1890	2N61W	16N29E	34N13W	37N1W	31N15E	42N26E	58N51E	48N46E	61N25E	40N37E	10N68E	13S18W
Lahore .	Normal .	21N25W	30N25W	33N10W	26N19W	21N7E	11N19W	34S84E	27S83E	13N60E	12N3W	22N47W	22N36W
	Actual, 1890	29N33W	62N34W	21N32W	30N1E	25N19E	30S50E	34S62E	11S12W	8S44E	6N63E	12N1W	34N10W
Ludhiana .	Normal .	25N56W	39N48W	33N47W	27N59W	10N57W	10N74W	25S46E	10S66E	13N40W	24N40W	36N44W	24N30W
	Actual, 1890	45N44W	64N41W	39N29W	42N55W	5S24W	5N72E	34S40E	24N87W	32N59W	29N41W	46N51W	55N63W
Mooltan .	Normal .	24N9W	18N5E	21N11W	13N26W	35S35W	33S25W	33S25W	22S19W	33S32W	21S70W	8S73W	11N14E
	Actual, 1890	16N63W	23S26W	37N35E	18N31E	26N71W	33S34W	46S44E	30S32E	53S12E	31S30W	19N75W	27N88W

TABLE XX.—*Average and actual (for 1890) mean direction and steadiness of wind of 81 stations in India, etc., for each month of the year*—continued.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Jacobabad .	Normal .	27N10W	36N17E	26N67E	18S84E	17S61E	46S31E	56S45E	54S50E	41S36E	11S47E	16N12W	22N15W
	Actual, 1890	18N36W	5S84E	11N75E	22S67E	16N74E	45S32E	68S42E	62S34E	50S17E	18S17W	24N22W	35N42W
Kurrachee .	Normal .	17N23W	27N80W	64S69W	80S62W	85S60W	85S58W	83S62W	84S63W	83S62W	64S67W	18S81W	14N42E
	Actual, 1890	21N80W	34N45W	72S84W	92S80W	92S70W	87S63W	84S70W	92S71W	92S73W	66S86W	23N5E	47N56E
Jeypore .	Normal .	21N15E	38N9W	31N24W	53N43W	50N50W	47N60W	27N58W	40N58W	45N31W	37N4W	39N12W	29N14W
	Actual, 1890	39N54W	36N29W	21S81W	57S85W	72S84W	52N73W	61N87W	57S86W	58N50W	39N34W	30N86E	29N36W
Ajmere .	Normal .	8N82E	8S77W	28S61W	52S74W	63S60W	68S61W	64S62W	56S70W	44S80W	23N76W	10N32E	15N84E
	Actual, 1890	31N61W	17N17E	46S76W	56N83W	79N80W	68S89W	81S83W	79S83W	62N63W	42N74W	30S46E	2S87W
Mt. Abu .	Normal .	6N83W	24N71W	39S85W	53S76W	70S62W	74S42W	66S49W	72S58W	27S67W	6N14E	20N73E	14N48E
	Actual, 1890	?	44N43W	61N76W	65N81W	90N74W	54S57W	84S63W	87S61W	41N79W	32N37W	25S73E	36S67W
Chakrata .	Normal .	9S66W	3S54E	8S56W	19S68W	29S63W	50S73W	42S71W	43S73W	36S74W	30S64W	28S55W	14S55W
	Actual, 1890	32S80W	11S51W	13S45W	23S82W	58S81W	78S83W	66S89W	56S85W	40N82W	47S85W	47N88W	16N58W
Ranikhet .	Normal .	17S70W	24S55W	44S56W	47S62W	46S63W	49S65W	25S65W	33S59W	39S52W	55S54W	35S52W	22S54W
	Actual, 1890	42S19W	46S46E	24S26W	38S87W	18N37W	38S45W	12S4E	29S42W	31S56W	51S39W	41S43W	18S33W
Pithoragarh .	Normal .	16S47E	20S29E	29S29E	31S14E	34S13E	25S19E	20S24E	25S15E	34S14E	36S15E	35S19E	30S36E
	Actual, 1890	24S15E	36S22E	38S2W	48S25W	31S19W	17S7E	19S7E	26S13W	23S23W	39S33W	36S6W	10S52E
Dehra .	Normal .	17S75W	19S85W	25N78W	21N79W	17S76W	12S66W	10S37W	10S43W	18N80W	19N38W	18N76W	16N73W
	Actual, 1890	27S52W	48S79W	42N69W	38N82W	43S75W	42S18W	35S20W	31S61W	32N69W	29N24W	10N31W	18S80W
Roorkee .	Normal .	16N72W	23N52W	23N58W	10N73W	6S68W	11S4E	33S39E	27S36E	9S6E	11S27E	28S36W	11N82W
	Actual, 1890	35S67W	52S76W	47S76W	50S80W	43S53W	42S7W	40S2E	41S50W	15S25W	24S14W	20S21W	42S77W
Meerut .	Normal .	45N49W	52N54W	44N51W	44N53W	24N32W	22N26W	23S86E	5N80E	17N34W	40N48W	46N50W	50N52W
	Actual, 1890	43N79W	62N67W	36N68W	40N86W	10S65W	17S33E	31S25E	27S64W	5N28W	31N37W	37N67W	47N85W
Agra .	Normal .	35N64W	38N75W	39N70W	44N84W	30N72W	28N60W	13N63E	10S22E	13N26W	40N78W	36N81W	28N64W
	Actual, 1890	48N52W	62N38W	40N44W	65N67W	47N75W	35N30W	34S52W	35N71W	27N63W	52N83W	40N88W	42N56W
Lucknow .	Normal .	41N57W	44N58W	49N54W	44N53W	15N15E	17N51E	18N85E	12S77E	14N1E	39N30W	46N45W	49N53W
	Actual, 1890	43N73W	59N60W	32S45W	35N18W	5N63E	30N87E	28S12E	13N8E	15N34E	39N31W	42N44W	48N71W
Allahabad .	Normal .	20N34W	25N66W	31N65W	25N52W	20N8E	12N2E	7N84E	4N40E	11N42E	13N42W	21N65W	22N54W
	Actual, 1890	52N59W	59N61W	50N53W	73N58W	32N	20N59W	27S81W	21N46W	17N17E	35N38W	20N30W	34N55W
Ghazipur .	Normal .	38S76W	58S82W	51S83W	43N82W	9N10W	12N74E	22S63E	19S50E	7S28E	23S71W	32S83W	49S81W
	Actual, 1890	27S81W	73S84W	45S85W	53N89W	16S59E	13S11W	6S72W	11S40E	23S81E	13S85W	17S76W	38S82W
Nowgong .	Normal .	22N24W	33N52W	34N63W	54N76W	44N70W	43N72W	40S78W	38S82W	28N67W	35N42W	32N10W	29N34W
	Actual, 1890	69N79W	46N51W	38N67W	64N75W	51N69W	65N74W	56S89W	55N79W	28N36W	58N71W	23N14E	19N60W
Sutna .	Normal .	27N16W	38N41W	39N55W	55N60W	52N50W	50N59W	45N81W	39N70W	31N55W	47N34W	33N21W	39N31W
	Actual, 1890	54N56W	48N42W	21N36W	55N69W	63N49W	60N79W	63S63W	52N75W	39N18W	67N24W	48N21E	35N31W
Darbhanga .	Normal .	47S80W	46S72W	27S70W	8S24E	59S86E	71S89E	58S82E	60S82E	54S86E	3N68E	55S79W	58S79W
	Actual, 1890	29S46W	70S85W	59S89W	23S49E	64S82E	74N89E	48S59E	50S78E	52S72E	15S35W	62S76W	56S78W
Patna .	Normal .	45N83W	47N79W	48N74W	27N38W	38N54E	45N73E	41N85E	34S19E	42S77E	4N21E	29N64W	52N83W
	Actual, 1890	40N89W	75W	77N88W	24N48W	56N79E	53S86E	11S44E	34S71E	36N89E	15S36W	35S83W	66S81W
Hazaribagh	Normal .	54N62W	60N68W	61N75W	49N74W	15S77W	19S36W	19S16E	7S50W	21S64E	34N42W	55N42W	64N54W
	Actual, 1890	59N52W	70N61W	68N58W	75N58W	23N71W	33S76W	40S83W	19S59W	18S57E	45N30W	28N25W	75N55W
Darjeeling .	Normal .	22S84W	33S83W	43S77W	49S72W	46S79W	5S88E	43N88E	32N84E	12S72E	5S3E	8N61W	4N54W
	Actual, 1890	32S79W	24S77W	63S61W	43S60W	21S51W	12S63W	41E	16N77E	7S85W	19S26W	7N20W	19S63W

TABLE XX.—*Average and actual (for 1890) mean direction and steadiness of wind of 81 stations in India, etc., for each month of the year*—continued.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Berhampore	Normal .	50N41W	44N72W	44S76W	32S23W	37S36E	48S33E	51S41E	45S40E	36S41E	16N12W	54N25W	62N26W
	Actual, 1890	47N65W	71S86W	68S59W	43S24W	40S49E	50S31E	50S23E	55S25E	55S30W	21S53W	53N19W	63N73W
Burdwan .	Normal .	46N32W	43N58W	43S78W	40S40W	52S9E	58S20E	47S26E	48S27E	38S31E	29N19E	69N7W	67N23W
	Actual, 1890	43N43W	36N47W	41S84W	50S37W	45S4E	63S3E	69S11W	65S8E	49S23E	23N21W	61N4E	59N19W
Calcutta (Alipore).	Normal .	38N38W	23S81W	49S32W	73S3W	66S11E	59S4E	65S11E	57S17E	43S27E	11N48W	58N17W	60N26W
	Actual, 1890	53N48W	38N58W	58S67W	74S30W	64S2W	68S3W	64S20W	69S5E	59S35E	9N47E	52N15E	53N16W
Saugor Island.	Normal .	19N1E	23S50W	60S33W	76S20W	69S12W	69S15W	59S24W	54S17W	48S4W	13N10E	58N5E	56N7E
	Actual, 1890	43N44W	27S73W	62S18W	82S5W	82S11W	74S7W	78S26W	73S4W	60S13E	22N8W	68N2E	49N18W
Dacca .	Normal .	32N53W	35S76W	54S23W	60S4E	60S19E	75S16E	80S19E	72S14E	57S11E	4S55E	38N17W	44N36W
	Actual, 1890	20N87W	46S78W	62S32W	61S4W	58S14E	78S7E	78S8E	81S6E	65S9E	17S20W	37N18E	50N53W
Chittagong .	Normal .	48N24W	30N38W	20S54W	37S12W	38S	56S31E	63S40E	55S32E	31S29E	14N10W	53N20W	59N23W
	Actual, 1890	36N47W	36N57W	39S31W	63S15W	52S11W	84S4E	84S13E	77S1E	42S28W	1N27W	50N5W	56N12W
Demagiri .	Normal .	34N50W	32N55W	21S88W	6S36W	6S11E	23S29E	30S33E	30S23E	5N83W	15N54W	34N59W	33N58W
	Actual, 1890	65S18W	74S19W	55S18E	47S75E	42S54E	85S58E	93S47E	90S42E	63S1E	61S21W	55S22W	61S22W
Tura .	Normal .	53S4W	66S12W	69S13W	67S5W	58S4W	57S3W	64S7W	59S3W	56S4W	43S15E	47S17E	45S15E
	Actual, 1890	51S20E	64S2E	64S8W	66S18W	53S28W	60S16E	68S12E	71S7E	58S39E	47S48E	48S17E	53S8E
Dhubri .	Normal .	20N74E	13S22E	14S81E	32N74E	21N70E	23S84E	22S70E	20S57E	28S66E	20N47E	46N47E	42N58E
	Actual, 1890	55N78E	20S36W	11S4W	37N69E	37E	27S68E	24S5E	18S26E	26N59E	26S84E	59N70E	35N70E
Sibsagar .	Normal .	51N61E	53N58E	59N57E	51N59E	37N56E	11S77E	15S18W	12S30W	18N73E	53N66E	69N62E	61N65E
	Actual, 1890	37N76E	64N61E	89N56E	48N56E	39N57E	5S37E	39S6W	45S22W	26N62E	60N53E	66N63E	40N82E
Silchar .	Normal .	27S29E	25S33E	22S60E	21S86E	10N75E	9N58E	3N6W	7S63W	2S89W	9S56E	30S77E	35S57E
	Actual, 1890	39S74E	42S22E	23S70E	14N85E	11N63E	3S55W	10S39E	18N71W	15S6E	7S86E	22N87E	26S32E
False Point .	Normal .	22N51E	16S12W	58S38W	79S38W	71S31W	63S45W	64S59W	53S57W	36S25W	25N40E	57N22E	64N43E
	Actual, 1890	9N82E	28S5E	74S12W	83S8W	88S4W	69S6W	72S48W	56S15W	52S18E	31N34E	50N32E	23N37E
Cuttack .	Normal .	11N45E	13S16W	43S16W	62S17W	61S5W	53S31W	52S44W	45S44W	20S10W	25N32E	43N1W	35N12E
	Actual, 1890	27N43W	16N76E	53S32W	71S35W	82S17W	62S42W	79S66W	52S39W	13S65E	32N40E	48N48E	13N4W
Sambalpore.	Normal .	30N48W	19N52W	29N88W	40S80W	37S62W	42S59W	45S50W	42S54W	13S49W	29N7E	53N1W	48N13W
	Actual, 1890	66N59W	?	45N62W	48S78W	34S71W	60S61W	84S65W	55S61W	22S23E	55N9E	50N30E	52N37W
Raipur .	Normal .	21N5E	13N40W	20N79W	35N88W	39N78W	66S74W	77S68W	64S76W	29S69W	37N28E	57N31E	48N35E
	Actual, 1890	37N13W	25N8W	34S89W	52N77W	47N72W	81S69W	89S68W	69S77W	14N5E	56N28E	42N30E	25N6W
Khandwa .	Normal .	23N25E	32N8W	48N46W	62N49W	69N61W	71N77W	80N83W	80N80W	66N69W	28N24E	55N63E	41N66E
	Actual, 1890	43N46E	48N25W	61N64W	53N53W	83N56W	69S88W	91S88W	92N89W	63N72W	56N11E	47N82E	6N45E
Hoshangabad.	Normal .	39N59E	18N58E	15N55W	32S89W	54W	71S88W	77S76W	73S79W	50N86W	25N12E	66N60E	63N61E
	Actual, 1890	43S86E	36N73E	42S71W	15N83W	79N89W	85S56W	90S52W	82S73W	45S87W	27N8E	74N71E	55S85E
Jubbulpore .	Normal .	17N8E	20N13W	22N69W	32N66W	44N62W	54N80W	65N87W	64N84W	34N69W	17N3E	25N47E	17N32E
	Actual, 1890	7N84W	26N8E	32N85W	31S66W	69N80W	63S83W	81S83W	69S89W	33N42W	32N32E	31N49E	5N59E
Nagpur .	Normal .	30N72E	17N55E	6N20W	20N63W	44N41W	52N76W	69N88W	62N76W	37N54W	51N37E	60N60E	52N64E
	Actual, 1890	40N38E	25N48E	26N75W	23N84W	69N34W	59S88W	88S78W	69N79W	47N51W	67N8E	67N46E	34N72E
Chanda .	Normal .	23S88E	15S68E	9S52W	21S73W	31N76W	54W	70S88W	62N80W	42N70W	32N48E	48N62E	37N63E
	Actual 1890	34N15E	46N81E	11N31W	25S25W	52N55W	45S76W	82S86W	85S83W	48N71W	48N3E	55N48E	31N43E
Sironcha .	Normal .	11S88E	22S15E	34S1E	40S12W	21S41W	52S74W	77S77W	63S84W	40N80W	32N7E	53N7E	48N3W
	Actual, 1890	27N31W	18S2E	40S4E	33S1E	19S79W	60S67W	77S62W	65S88W	53N68W	56N9W	20N22E	2S70W

TABLE XX.—*Average and actual (for 1890) mean direction and steadiness of wind of 81 stations in India, etc., for each month of the year*—continued.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Chikalda .	Normal . .	24S48W	26N83W	34N52W	48N40W	63N37W	62N45W	68N57W	72N41W	65N22W	42N3E	21N3W	9N77W
	Actual, 1890	27N44W	24N64W	43N48W	35N41W	83N33W	47N60W	77N69W	84N46W	69N30W	66N9W	11S52E	16S18W
Buldana .	Normal .	21N76E	29N5W	50N28W	55N31W	51N53W	65N75W	73N82W	72N65W	64N48W	52N29E	59N69E	52N82E
	Actual, 1890	29N35E	45N7W	69N38W	60N22W	95N39W	62N65W	89N57W	92N51W	81N34W	46N10E	20S68E	7S60W
Akola . .	Normal .	30N54E	25N1E	44N43W	57N48W	72N51W	71N71W	77N74W	80N71W	66N66W	32N20E	50N64E	58N61E
	Actual, 1890	37N27E	36N9W	69N42W	71N53W	97N40W	80N50W	89N62W	90N51W	84N37W	66N29W	82N73E	32N73E
Makhla .	Normal .	29S80W	40S83W	39N77W	40N68W	43N78W	51N85W	58S80W	60S82W	51S89W	30N67W	24S87W	32S71W
	Actual, 1890	10S43W	11S25W	16S52E	17S11W	45S7E	17S54E	34S53W	39S17W	37S7E	39S24W	3N42E	16S44E
Deesa .	Normal .	39N3W	36N28W	35N88W	53N89W	76S55W	72S36W	75S40W	72S47W	50S65W	16N62W	31N33E	27N17E
	Actual, 1890	?	37N48W	60S69W	70S61W	71S18W	73S2W	89S13W	81S25W	74S71W	45N63W	50N52E	28N1W
Bombay .	Normal .	63N6E	60N4W	55N28W	55N52W	67N82W	66S63W	84S75W	81S81W	55S89W	38N15E	59N17E	63N17E
	Actual, 1890	43N9E	52N1W	53N27W	47N71W	76S89 W	75S42W	92S77W	88S84W	62N77W	44N17W	27N1E	49N3E
Poona .	Normal .	24S63E	21N28W	42N41W	49N35W	66N55W	73S79W	85S79W	82S84W	70N89W	17N38E	45N83E	56S78E
	Actual, 1890	27S70E	14S80W	53N65W	32N49W	87N59W	75S74W	93S84W	92N87W	82N77W	29N12E	59S61E	40S69E
Sholapur .	Normal .	55S60E	32S33E	9N51E	14N18E	46N41W	66N86W	81S80W	79N89W	68N73W	30N50E	63N69E	57N89E
	Actual, 1890	48S84E	20S35E	29N57W	15N41W	61N56W	78S66W	95S53W	85S87W	78N77W	37N21E	77S80E	79S52E
Ratnagiri .	Normal .	30N34W	52N52W	60N72W	67N76W	64N73W	66S53W	77S55W	61S63W	55S88W	17S81W	30N1W	36N4W
	Actual, 1890	27N13E	25N44W	77N7W	57W	56N67W	77S55W	90S71W	89N80W	78N63W	47N40W	38S75W	35N44W
Karwar .	Normal .	53N5W	61N50W	70N80W	75N84W	81N69W	76S76W	80S74W	79W	78N86W	56N82W	46N26W	57N1E
	Actual, 1890	55N25W	89N79W	87N67W	89S82W	79N71W	65S61W	76S62W	72N82W	73N70W	87N76W	52N60W	63N34W
Belgaum .	Normal .	50S71E	23S78E	8S88W	25S88W	73S88W	86S73W	90S70W	89S79W	82N84W	72N88E	67N84E	70S84E
	Actual, 1890	56N71E	21S19E	39S68W	16N36W	75N88W	90S35W	90S45W	87S58W	85S71W	26N16W	73S85E	60S81E
Secunderabad	Normal .	69S87E	46S71E	26S63E	12S21E	34N76W	82S80W	85S75W	83S87W	67N78W	42N37E	75N53E	76N65E
	Actual, 1890	42N72E	52S70E	21S43W	7S68W	47N47W	85S85W	91S80W	39N75W	Not recorded.	59N17E	81N73E	69N81E
Vizagapatam	Normal .	42S60E	43S11W	58S45W	64S48W	60S41W	63S58W	74S74W	64S74W	48S60W	18S65E	56N75E	55N83E
	Actual, 1890	23N16W	41S25W	77S29W	80S32W	81S18W	81S45W	93S57W	67S72W	41S55W	32N25W	71N13E	13N39W
Bellary .	Normal .	68S69E	50S56E	20S26E	11S37W	52N76W	80S86W	89S88W	87N86W	74N78W	14N24E	56N80E	69S87E
	Actual, 1890	35N87E	55S62E	6N27E	9S40W	76N76W	78S87W	90S89W	90N88W	81N76W	20N9W	16N87E	42S61E
Madras .	Normal .	76N48E	68E	81S56E	83S40E	66S15E	58S36W	65S46W	58S40W	53S36W	10N35E	59N24E	75N24E
	Actual, 1890	83N43E	78N73E	87S36E	95S41E	72S2E	75S34W	80S44W	59S56W	70S48W	20N11E	71N25E	84N48E
Salem .	Normal .	61S84E	53S75E	42S55E	37S7W	61S50W	82S58W	82S59W	80S60W	77S68W	39S52W	22S65E	48N89E
	Actual, 1890	55N80E	54N83E	20S20E	10S79E	62S49W	90S62W	92S68W	78S64W	76S68W	63S69W	72N74E	85N73E
Mercara .	Normal .	60N68E	35N59E	18N42W	45N70W	65N68W	86N81W	91N79W	88N73W	84N72W	24N36W	49N61E	75N73E
	Actual, 1890	79N72E	89N82E	69N25W	83N41W	90N63W	88N80W	93N77W	91N73W	92N66W	63N27W	78N69E	94N77E
Trichinopoly	Normal .	77N48E	74N65E	51S86E	17S54E	59S82W	84N87W	81N87W	82N80W	77N78W	33N44W	53N31E	75N39E
	Actual, 1890	76N42E	85N56E	57S75E	26S63E	83N81W	83S88W	80S85W	72N80W	82N69W	21N67W	73N42E	82N57E
Cochin .	Normal .	13S11W	28N89W	47N81W	55N82W	49W	42S75W	51S88W	59N85W	61N82W	40S76W	24S49W	15S50W
	Actual, 1890	29S89W	43S86W	49N80W	44N77W	58N67W	26N85W	23N68W	50N65W	77N61W	41N81W	29S78W	22S60W
Wellington .	Normal .	62S14E	60S31E	65S43E	68S49E	24N88E	52N88W	69N82W	46S81W	33S79W	27S32E	53S41E	60S35E
	Actual, 1890	50S60E	76S61E	41S56E	70S52E	10N58W	70S69W	79S67W	51S38W	32S56W	23N42E	43S27E	54S42E
Akyab .	Normal .	39N23W	45N27W	26N58W	40S75W	31S33W	58S2E	68S4E	62S1E	41S9E	12S35E	29N6W	39N15W
	Actual, 1890	47N1W	53N7W	11S74W	33S87W	24S46W	60S15W	81S12W	72S2E	43S6E	24N28E	53N10W	71N12W

TABLE XX.—*Average and actual (for 1890) mean direction and steadiness of wind of 81 stations in India, etc., for each month of the year*—concluded.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Diamond Island.	Normal .	74N6E	86N25W	85N42W	73N58W	45S76W	75S32W	80S41W	78S44W	58S39W	21S59E	64N59E	74N34E
	Actual, 1890	60N2E	77N16W	89N48W	84N56W	35S80W	75S26W	78S42W	71S42W	45S43W	39S61E	47N46E	48N7E
Rangoon .	Normal .	35N22E	18S46W	58S20W	60S24W	59S19W	71S19W	73S31W	66S34W	49S18W	28S37E	57N60E	60N36E
	Actual, 1890	51N77E	47S16E	59S4W	68S2W	75S7W	82S22W	77S40W	74S34W	63S19W	39S34E	54N72E	59N24E
Mergui .	Normal .	59N12W	56N38W	43N53W	44N56W	34S68W	62S48W	61S60W	63S63W	59S64W	22S79W	42N28E	65N27E
	Actual, 1890	52N21E	57N22W	60N32W	53N15W	61S24W	68S64W	66N86W	58S81W	54S69W	16S88W	67N41E	74N2W
Cocos Island	Normal .	...	...	...	...	...	...	...	...	...	...	...	...
	Actual, 1890	68N19E	72N6E	79N25W	36N40W	56S50W	87S30W	93S32W	88S62W	74S49W	31S18E	52N29E	89N1W
Port Blair .	Normal .	78N39E	76N41E	69N56E	45N84E	48S34W	82S38W	89S44W	82S43W	73S43W	24S5W	53N63E	72N51E
	Actual, 1890	45N65E	55N79E	58N82E	38S52E	61S53W	74S41W	84S50W	76S54W	85S67W	53S16W	64S67E	72N34E
Quetta .	Normal .	27N83W	30N76W	36S65W	36N81W	51N69W	43N69W	34W	42N78W	50N56W	50N56W	46N41W	37N48W
	Actual, 1890	35N78W	43N67W	32N74W	23S82W	55N55W	35N87W	34S84W	37N77W	53N59W	40N63W	19S82W	14S49W
Leh . .	Normal .	24S8E	18S25E	18S37W	19S54W	25S72W	26S84W	36S80W	31S72W	32S59W	34S56W	24S4W	34S1W
	Actual, 1890	55S48W	66S46W	66S61W	59S58W	45S71W	35S80W	56S71W	48S71W	57S57W	71S54W	57S33W	56S44W
Katmandu .	Normal .	64N78W	67N82W	66N74W	62N83W	64S86W	53S87W	38S75W	26S79W	32S88W	52W	60N81W	61N64W
	Actual, 1890	70N44W	61N56W	56N55W	47N81W	50S80W	27N80W	26N50E	14N14E	15N75W	18N56W	32N7W	39N17W
Aden . .	Normal .	70N84E	72N81E	73N83E	61N81E	40S67E	68S2E	73S11E	69S12E	51S31E	55S88E	65E	69N89E
	Actual, 1890	66S81E	82N88E	73N83E	70N88E	41S67E	73S1E	73S3W	59S2E	50S8W	61S74E	60S88E	73S84E
Zanzibar .	Normal .	60N27E	26N25E	12N39E	64S12W	69S17W	73S10W	64S2W	59S6W	46S12W	38S9W	9S6W	30N26E
	Actual, 1890	61N43E	35N53E	...	...	...	...	...	...	...	...	...	...

TABLE XXI.—*Average and actual (for 1890) mean daily air movement of 84 stations in India, Ceylon, etc.*

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Murree . .	Normal .	198	196	210	216	193	158	137	119	130	145	138	167
	Actual, 1890	193	191	185	251	198	150	159	152	130	163	182	271
Chamba . .	Normal .	64	86	118	115	119	123	97	81	105	107	87	70
	Actual, 1890	99	116	130	125	142	148	103	84	102	111	77	51
Kailang . .	Normal .	20	26	32	51	54	47	44	35	36	37	29	20
	Actual, 1890	31	42	34	59	70	71	73	59	50	49	28	20
Peshawar . .	Normal .	60	80	90	104	118	112	111	94	75	59	51	59
	Actual, 1890	84	112	112	137	123	132	134	69	61	47	33	57
Lahore . .	Normal .	45	57	73	80	79	85	80	69	50	38	33	35
	Actual, 1890	47	54	70	82	90	95	91	71	57	43	29	38

TABLE XXI.—*Average and actual (for 1890) mean daily air movement of 84 stations in India, Ceylon, &c.*—continued.

Station.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Ludhiana .	Normal .	30	41	46	52	56	60	49	34	29	25	22	26
	Actual, 1890	53	74	69	90	95	80	67	46	48	35	35	48
Mooltan .	Normal .	37	51	49	59	68	87	75	70	61	45	33	30
	Actual, 1890	25	24	50	50	83	77	52	42	35	26	23	22
Jacobabad .	Normal .	49	69	92	94	107	117	125	94	69	52	38	38
	Actual, 1890	37	43	78	87	69	149	130	96	59	61	51	44
Kurrachee .	Normal .	237	252	286	345	420	447	436	409	360	235	190	216
	Actual, 1890	193	250	318	378	427	422	493	398	373	254	?	?
Jeypore .	Normal .	91	104	128	133	159	178	141	127	118	86	70	79
	Actual, 1890	79	89	99	126	163	160	150	109	97	70	64	70
Ajmere .	Normal .	47	63	91	131	181	208	173	138	120	61	35	35
	Actual, 1890	47	63	108	159	237	206	215	159	132	59	37	31
Mount Abu	Normal .	113	131	159	187	231	242	265	254	173	98	90	86
	Actual, 1890	?	110	147	169	263	228	337	242	155	118	92	92
Chakrata .	Normal .	114	125	138	143	147	140	118	103	113	120	109	100
	Actual, 1890	167	121	138	146	174	180	118	95	122	120	104	124
Ranikhet .	Normal .	43	52	71	84	87	83	51	51	51	42	30	35
	Actual, 1890	64	62	95	119	113	75	29	73	57	42	20	26
Pithoragarh .	Normal .	53	64	77	89	89	68	52	51	56	59	44	49
	Actual, 1890	61	73	96	101	102	66	56	63	68	68	59	58
Dehra .	Normal .	43	48	55	62	59	39	29	26	27	40	41	40
	Actual, 1890	15	36	46	53	59	42	16	16	11	11	49	54
Roorkee .	Normal .	52	68	70	76	88	94	71	60	49	34	27	32
	Actual, 1890	42	58	58	74	81	90	77	57	49	28	25	51
Meerut .	Normal .	50	93	63	60	63	64	57	50	49	34	30	39
	Actual, 1890	37	52	39	66	58	67	65	51	45	32	21	47
Agra .	Normal .	82	97	108	114	139	138	119	157	99	72	60	63
	Actual, 1890	86	96	98	120	136	131	140	88	111	82	55	89
Lucknow .	Normal .	57	78	97	106	102	102	94	72	68	47	34	40
	Actual, 1890	64	101	137	152	152	165	116	98	116	65	55	78
Allahabad .	Normal .	50	70	74	86	99	102	103	93	79	43	34	42
	Actual, 1890	68	82	98	111	145	153	141	119	135	70	40	75
Ghazipur .	Normal .	37	55	69	87	82	73	65	57	58	33	22	25
	Actual, 1890	25	45	76	82	73	53	51	50	65	24	12	31

TABLE XXI.—*Average and actual (for 1890) mean daily air movement of 84 stations in India, Ceylon, etc.*—continued.

Station.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Nowgong .	Normal .	32	41	55	68	81	107	99	81	57	35	24	27
	Actual, 1890	30	40	64	63	83	134	120	73	53	28	18	27
Sutna . .	Normal .	100	116	137	168	198	241	232	191	155	105	82	89
	Actual, 1890	106	115	156	178	210	290	273	191	160	126	88	108
Darbhanga .	Normal .	59	88	113	138	145	139	123	110	93	54	44	51
	Actual, 1890	50	90	160	140	161	164	155	112	139	68	32	58
Patna .	Normal .	48	71	84	108	118	106	91	83	74	46	36	41
	Actual, 1890	33	71	101	128	176	170	137	120	158	67	30	63
Hazaribagh .	Normal .	118	156	178	201	210	213	203	180	169	119	104	110
	Actual, 1890	157	184	221	253	252	245	222	196	212	114	109	175
Darjeeling .	Normal .	62	121	160	202	149	113	63	81	73	62	40	46
	Actual, 1890	112	108	233	185	121	159	87	73	140	99	66	89
Berhampore .	Normal .	43	56	82	124	132	133	121	101	88	51	40	38
	Actual, 1890	46	50	110	130	132	158	120	109	103	58	34	36
Burdwan .	Normal .	43	52	79	114	131	118	100	84	72	47	44	43
	Actual, 1890	41	30	60	121	133	150	111	97	83	50	32	32
Calcutta (Alipore)	Normal .	68	85	125	175	172	146	123	122	101	70	65	66
	Actual, 1890	63	70	103	157	145	145	100	68	71	46	28	29
Saugor Island .	Normal .	151	189	295	401	367	350	341	299	241	156	154	153
	Actual, 1890	205	224	348	439	423	381	404	341	271	214	189	198
Dacca .	Normal .	51	63	114	165	149	172	173	151	112	58	47	48
	Actual, 1890	63	73	143	203	139	200	206	199	124	90	68	63
Chittagong .	Normal .	89	106	139	169	153	166	172	146	109	71	73	76
	Actual, 1890	43	60	110	127	111	154	150	123	72	50	38	42
Dhubri .	Normal .	93	95	151	192	168	116	94	78	77	69	118	109
	Actual, 1890	153	93	171	238	163	150	118	99	119	158	110	99
Sibsagar .	Normal .	43	51	66	67	66	62	65	63	58	47	39	37
	Actual, 1890	43	47	60	53	46	56	55	55	43	43	31	31
Silchar .	Normal .	47	64	76	81	79	72	72	69	61	47	45	42
	Actual, 1890	24	38	41	39	54	50	67	44	36	20	16	12
False Point .	Normal .	147	185	268	336	324	288	268	238	198	142	157	151
	Actual, 1890	151	201	280	387	350	324	306	229	228	74	138	148
Cuttack .	Normal .	33	50	81	124	125	96	79	62	56	43	40	29
	Actual, 1890	23	33	68	120	124	97	101	60	46	36	31	25

TABLE XXI.—*Average and actual* (*for 1890*) *mean daily air movement of 84 stations in India, Ceylon, etc.*—continued.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Sambalpur .	Normal .	40	44	50	68	81	96	97	80	59	53	43	38
	Actual, 1890	43	?	56	85	103	138	151	86	74	76	71	68
Raipur .	Normal .	67	93	118	150	190	220	280	187	141	95	83	66
	Actual, 1890	96	113	156	187	184	288	324	218	131	91	74	71
Khandwa .	Normal .	69	88	113	140	225	228	210	192	148	68	62	57
	Actual, 1890	58	77	125	137	284	224	284	205	198	60	59	55
Hoshangabad .	Normal .	58	65	61	70	93	114	110	85	59	38	48	58
	Actual, 1890	64	99	114	106	147	180	167	112	69	47	100	87
Jubbulpore .	Normal .	50	59	70	81	104	126	117	107	78	49	41	41
	Actual, 1890	36	43	68	68	85	128	110	93	54	35	23	27
Nagpur .	Normal .	73	93	108	127	168	183	189	144	118	89	71	68
	Actual, 1890	90	?	154	140	183	248	270	177	164	118	98	74
Chanda .	Normal .	49	65	77	93	117	151	151	134	99	55	44	39
	Actual, 1890	38	43	81	88	91	118	149	131	128	51	42	42
Sironcha .	Normal .	43	59	73	97	111	109	101	85	70	64	59	46
	Actual, 1890	25	19	38	91	117	114	100	80	76	54	24	7
Chikalda .	Normal .	118	143	172	192	226	233	230	256	230	135	114	117
	Actual, 1890	141	153	223	185	285	228	262	294	300	148	109	125
Buldana .	Normal .	134	147	180	213	284	253	221	199	195	117	113	116
	Actual, 1890	119	135	201	176	295	214	201	156	211	75	54	61
Akola .	Normal .	83	93	108	131	208	215	200	194	144	82	84	77
	Actual, 1890	97	104	167	148	290	241	227	238	223	90	109	97
Deesa .	Normal .	207	215	213	225	321	403	347	288	203	161	181	195
	Actual, 1890	?	202	213	231	326	397	321	251	176	159	171	213
Bombay .	Normal .	242	256	274	271	248	389	456	384	273	231	236	238
	Actual, 1890	232	244	310	266	258	422	489	390	249	215	193	226
Poona .	Normal .	137	150	199	232	337	375	400	340	260	139	138	136
	Actual, 1890	132	134	202	196	334	322	373	310	279	140	132	112
Sholapur .	Normal .	171	160	185	205	242	293	300	279	238	190	191	169
	Actual, 1890	162	163	228	226	260	315	378	341	256	254	202	195
Ratnagiri .	Normal .	216	219	236	242	255	278	313	242	188	168	199	213
	Actual, 1890	147	144	267	116	197	257	301	216	?	132	174	171
Karwar .	Normal .	?	?	?	?	?	?	?	?	?	?	?	?
	Actual, 1890	70	56	75	64	86	101	112	72	58	49	44	49

TABLE XXI.—*Average and actual* (*for 1890*) *mean daily air movement of 84 stations in India, Ceylon, etc.*—continued.

Station.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Belgaum . .	Normal .	261	241	279	314	435	583	669	497	400	251	280	296
	Actual, 1890	261	225	?	287	450	597	641	506	405	229	236	237
Secunderabad .	Normal .	93	91	123	132	183	297	318	244	87	94	85	81
	Actual, 1890	87	102	135	131	200	280	299	217	155	72	73	75
Vizagapatam .	Normal .	42	49	68	91	86	87	94	70	50	44	53	49
	Actual, 1890	41	41	87	74	61	59	94	66	64	44	30	39
Bellary . .	Normal .	80	94	110	126	200	256	281	262	219	104	78	75
	Actual, 1890	70	77	115	117	194	258	288	263	246	111	56	67
Madras . .	Normal .	143	119	152	186	220	213	195	172	201	121	159	179
	Actual, 1890	141	105	173	156	215	173	157	124	130	107	133	118
Salem . .	Normal .	115	129	129	112	100	113	106	94	84	63	74	91
	Actual, 1890	71	88	83	76	75	77	22	55	59	47	49	71
Mercara . .	Normal .	105	95	78	80	113	196	247	199	173	82	90	117
	Actual,* 1890	137	114	55	54	56	114	104	91	114	52	84	90
Trichinopoly .	Normal .	115	101	95	99	145	228	239	198	168	93	100	121
	Actual, 1890	123	120	115	118	195	230	240	192	175	98	110	117
Wellington .	Normal .	53	62	62	64	70	123	127	87	72	56	56	55
	Actual, 1890	54	59	34	47	68	98	113	73	55	48	34	43
Newera Eliya .	Normal .	75	81	67	58	82	157	136	106	105	79	77	70
	Actual, 1890	56	52	47	22*	25	73	80	63	70	72	43	40
Kandy . .	Normal .	76	78	44	33	52	70	70	58	54	38	32	49
	Actual, 1890	27	31	27	20	?	33	30	34	36	27	19	34
Jaffna . .	Normal .	78	78	107	164	292	337	310	303	293	178	79	143
	Actual, 1890	87	97	191	230	476	396	446	312	386	293	125	92
Trincomalee .	Normal .	262	218	187	191	304	451	418	356	338	232	163	228
	Actual, 1890	284	270	156	146	194	188	197	174	186	163	169	245
Batticaloa . .	Normal .	218	194	148	144	139	132	141	137	124	127	142	176
	Actual, 1890	157	134	107	106	92	108	121	119	96	104	106	117
Galle . .	Normal .	64	59	73	97	188	237	204	207	198	174	93	75
	Actual, 1890	83	97	90	96	168	234	194	277	216	229	91	65
Colombo . .	Normal .	203	149	122	137	197	244	218	208	208	173	138	191
	Actual, 1890	234	203	135	170	243	207	198	245	261	225	128	161
Hambantota .	Normal .	220	213	167	184	262	258	275	278	273	217	141	111
	Actual, 1890	142	132	133	123	226	238	237	277	279	197	43	159

TABLE XXI.—*Average and actual* (*for 1890*) *mean daily air movement of 84 stations in India, Ceylon, etc.*—concluded.

Station.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Akyab . .	Normal .	65	84	91	97	88	96	96	81	72	58	54	56
	Actual, 1890	71	88	94	90	95	101	134	75	59	53	38	56
Diamond Island .	Normal .	147	168	185	168	162	207	210	164	155	159	195	166
	Actual, 1890	94	110	139	123	132	171	189	144	115	173	118	84
Rangoon . .	Normal .	96	92	114	136	119	130	131	113	91	77	102	114
	Actual, 1890	51	38	33	84	99	122	132	91	86	81	92	75
Mergui . .	Normal .	47	49	49	52	49	46	43	40	37	36	39	43
	Actual, 1890	43	51	49	51	51	52	47	52	57	50	68	64
Port Blair . .	Normal .	159	115	100	113	166	227	254	228	214	152	165	171
	Actual, 1890	152	90	78	144	181	189	244	206	222	182	155	146
Quetta . .	Normal .	84	96	107	101	106	101	107	97	76	63	60	58
	Actual, 1890	42	54	63	52	61	45	62	49	31	23	32	26
Leh . . .	Normal .	24	33	50	72	75	57	48	38	40	45	46	30
	Actual, 1890	14	29	45	59	63	47	44	23	23	32	17	10
Katmandu .	Normal .	?	?	?	?	?	?	?	?	?	?	?	?
	Actual, 1890	25	35	45	37	40	33	21	11	10	9	6	18
Aden . .	Normal .	309	332	355	373	257	209	250	268	214	307	286	299
	Actual, 1890	286	345	323	418	287	249	304	269	200	340	311	294
Zanzibar . .	Normal .	195	162	150	155	179	198	191	153	118	109	104	140
	Actual, 1890	153	143	?	?	?	?	?	?	?	?	?	?

January.—At the Himalayan hill stations the winds were slightly stronger and much steadier than usual and were fairly normal in direction, south-west winds prevailing to an unusual extent. In the Gangetic plain and Bengal they were of average strength and were more westerly than usual. The increased westing of the land winds in Bengal was most strongly shewn in East Bengal and at the coast stations. The following gives data for three representative stations:—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, January 1890.	Normal mean wind direction, January.	Percentage, January 1890.	Average percentage, January.	Daily wind velocity, January 1890.	Normal daily wind velocity, January.
Saugor Island . .	N44°W	N 1°E	43	19	205	151
Calcutta . . .	N48°W	N38°W	53	38	63	68
Dacca . . .	N87°W	N53°W	20	32	63	51

Winds were unusually variable at False Point. In the eastern districts of the Central Provinces winds also contained an abnormal westerly component, whilst in the western districts and in Berar the easterly element of the north-east winds of the month was less marked than usual. The following gives data of five representative stations in illustration :—

District.	Station.	Direction.		Steadiness.		Velocity.	
		Mean wind direction, January 1890.	Normal mean wind direction, January.	Percentage, January 1890.	Average percentage, January.	Daily wind velocity, January 1890.	Normal daily wind velocity, January.
Eastern districts	Jubbulpore	N84°W	N 8°E	7	17	36	50
	Raipur	N13°W	N 5°E	37	21	96	67
	Sironcha	N31°W	S88°E	27	11	25	43
Western districts	Nagpur	N83°E	N72°E	40	30	90	73
Berar	Akola	N27°E	N54°E	37	30	97	83

Hence north-westerly winds prevailed in this month not only in the Gangetic plain but also in Rajputana, Central India and the eastern districts of the Central Provinces, where winds are generally from some direction between north and east. Westerly winds extended across the western and central districts of Bengal to the eastern districts. The lower atmospheric current in the Bay off the Arakan coast was more northerly than usual, and at Port Blair and probably over the south-east of the Bay it was more easterly. The air movement in Madras was fairly normal in character, but in Bombay and the West Deccan, in consequence of the abnormal deflection of the air in Central India and the Central Provinces, winds were very unsteady and irregular.

February.—The general meteorological conditions in India during the month were similar to those of January, and the chief features of the air motion were similar in the two months.

Winds were remarkably steady at the hill stations in Upper India. Thus, at Simla the percentage denoting steadiness was 71, the normal being 28. Winds were very steady but somewhat weaker than usual in the Gangetic plain. The westerly element in the north-westerly winds of that area was somewhat stronger than usual. Winds were slightly weaker than the normal in Bengal, but the westerly component was as strongly marked as in the preceding month, notwithstanding that local sea winds set in at the coast stations during the month. The following data shew the increased westing at representative stations in Bengal:—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, February 1890	Normal mean wind direction, February.	Percentage, February 1890.	Average percentage, February.	Daily wind velocity, February 1890.	Normal daily wind velocity, February.
Saugor Island	S73°W	S.50°W.	27	23	224	189
Chittagong	N57°W	N.38°W.	36	30	60	106
Dhubri	S36°W	S.22°E.	20	13	93	95

In the Central Provinces the variations of the wind of the month from their normal directions were less marked than in January. Winds were somewhat steadier and on the whole more westerly than usual. Winds were feeble in Rajputana and Central India and varied irregularly in direction from the normal. Thus, at Jeypore they were more westerly than usual, and at Ajmere more easterly. They were almost as irregular at the Bombay coast stations. Winds were generally normal in character in the Deccan and Madras, and were steadier than usual at the Madras stations.

The winds were practically normal in Madras. In Lower Burma and at Port Blair the north-easterly winds of the month contained a stronger easterly element than usual. They were very feeble and on the whole less steady than usual. They were as largely deflected from the west or towards the east as in January. The following data illustrate these abnormal features :—

STATION.	DIRECTION.		STEADINESS.		VELOCITY.	
	Mean wind direction, February 1890.	Normal mean wind direction, February.	Percentage, February 1890.	Average Percentage, February.	Daily wind velocity, February 1890.	Normal daily wind velocity, February.
Akyab	N 7°W	N27°W	53	45	88	84
Rangoon	S16°E	S46°W	47	18	38	92
Port Blair	N79°E	N41°E	55	76	90	115

Hence the abnormal features of the air movement in India were similar to those of the preceding month, but were less strongly marked. Winds were more westerly in the north of the Bay and more easterly in the south-east and centre of the Bay. Winds were less steady and their deviations from their normal direction somewhat irregular in Western and Central India and the greater part of the Deccan.

March.—The weather in March was slightly more disturbed and showery than usual, but the periods of disturbance were brief and the disturbances chiefly of the hot weather type, and hence did not appreciably affect the resultant air motion of the month. Winds were much steadier at the hill stations and slightly steadier in the Gangetic plains. The mean wind directions of the month were approximately normal in the Punjab, North-Western Provinces, and Central India, except at Lucknow and Roorkee, where they were S. 45° W. and S. 76° W. respectively, the normal directions being N. 54° W. and N. 58° W. Very steady westerly winds prevailed in Behar. In Bengal the prevailing south-westerly winds of the month were more westerly than usual at the inland stations and less westerly at the coast stations. This contrast between the deflection at the coast and inland stations appears to be the rule (*vide* Annual Report for 1889, page 139). The following gives data for representative stations for March 1890 :—

	STATION.	DIRECTION.	
		Mean wind direction, March 1890.	Normal mean wind direction, March.
INLAND STATIONS . .	Calcutta	S67°W	S32°W
	Dacca	S32°W	S23°W
COAST STATIONS . .	Saugor Island	S18°W	S33°W
	False Point	S12°W	S38°W

Winds were almost without exception, on the average of the month, stronger in Assam, Bengal, Orissa, Chota Nagpur, Behar and the eastern districts of the North-Western Provinces. The abnormal features of the air motion in North-Eastern India were hence such as are characteristic of more strongly-marked hot weather conditions than usual in that area.

Winds were much steadier than usual in the Central Provinces and Berar, and were generally stronger than usual. North-west to west winds prevailed over that area as well as in the North Deccan.

April.—Winds were steadier in the Punjab and North-Western Provinces and were normal in force and direction. They were somewhat more westerly in Rajputana. In Bengal winds were in April, as in March, more westerly at the inland stations and less westerly at the coast stations of False Point and Saugor Island, and were slightly stronger than usual. Winds were remarkably steady in the Central Provinces and Berar. Winds in Sind were steadier than the normal, and their directions show that there was a persistent cyclonic circulation over that hot area during the month. Winds were more westerly and less steady than usual in the Bombay coast districts and West Deccan and north-westerly winds extended south as far as Belgaum. The following gives data in illustration :—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, April 1890.	Normal mean wind direction, April.	Percentage, April 1890.	Normal percentage, April.	Daily wind velocity, April 1890.	Normal daily wind velocity, April.
Bombay	N71°W	N52°W	47	55	266	271
Ratnagiri	W	N 76°W	57	67	116 ?	242
Poona	N49°W	N35°W	32	49	196	232
Sholapur	N41°W	N18°E	15	14	226	205
Belgaum	N36°W	S88°W	16	25	287	314

Winds were normal in direction at all the Madras stations; excepting Salem, but were weaker than usual. They were also weaker in Burma. The early influence of southerly winds in the south-east of the Bay was shown by the mean wind direction of the month at Port Blair (S 52° E., the normal being N. 84° E.) Winds were also less steady but stronger than usual at that station.

May.—Hot weather conditions were somewhat more strongly developed than usual, more especially in North-eastern India.

Winds were steadier than usual at the hill stations. They were unsteady and irregular in direction in the Punjab, although the air movement was generally above the normal. North-westerly winds were very steady in the western districts of the North-Western Provinces. The influence of the local sea winds blowing across Bengal and Behar from the head of the Bay was strongly felt in the eastern districts of the North-Western Provinces. The air movement in that area was very unsteady, although stronger than usual, but indicated irregular cyclonic circulation due to air currents from opposite directions. The following table gives data of the mean air motion at stations in this area of feeble and irregular cyclonic circulation:—

Station.	Direction.	Steadiness.	Velocity.	
	Mean wind direction, May 1890.	Percentage, May 1890.	Daily wind velocity, May 1890.	Normal velocity, May.
Lucknow	N63°E	5	152	102
Allahabad	N	32	145	99
Sutna	N49°W	63	210	198
Ghazipur	S59°E	16	73	82
Darbhanga	S82°E	64	161	145

These figures show the general character of the air motion in the debatable area between the region of hot north-westerly winds in Upper India and that of the easterly winds of Behar.

Winds were very steady in Behar and Bengal. The wind directions at one or two stations, more especially in East Bengal, shew slightly increased westing, but the amount was very small, and this feature, which was very marked in March and April, hence almost disappeared in May.

Winds were normal in direction in the Central Provinces and Behar, but were much stronger and steadier than usual. The following gives data for three stations:—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, May 1890.	Normal mean wind direction, May.	Percentage, May 1890.	Average percentage, May.	Daily wind velocity, May 1890.	Normal daily wind velocity, May.
Raipur	N72°W	N78°W	47	39	184	190
Nagpur	N34°W	N41°W	69	44	183	168
Akola	N40°W	N51°W	97	72	290	208

The data shew that the increased velocity was most marked at the western stations.

In Bombay winds were normal in force and steadiness, but were slightly more westerly than usual. Winds ranged between north-west and west over the whole of the Deccan as well as at the west coast stations. They were also normal in Madras except at Wellington, where the mean wind direction of the month was N. 58° W, the normal being N. 88°E.

In Burma winds were on the whole less steady and more southerly than usual. Strong steady south-west monsoon winds set in later than usual during the month, although a cyclonic storm due to an early advance gave a heavy burst of rain and humid winds in the second week of the month. The following table gives percentage and velocity data for representative stations in Burma and the Andamans:—

Station.	Steadiness.		Velocity.	
	Percentage, May 1890.	Average percentage, May.	Daily wind velocity, May 1890.	Normal daily wind velocity, May.
Akyab	24	31	95	88
Diamond Island	35	45	132	162
Port Blair	61	48	181	166

June.—The south-west monsoon currents were established over the south and centre of the Arabian Sea in the last fortnight of May, and on the Malabar and Konkan coasts during the last week of May and first three days of June. The current was weak until the 13th of June and did not advance beyond the west coast districts. It increased rapidly in force on the 13th and 14th and extended across Berar, the Central Provinces, and Central India into Northern India during the next 24 hours. The current was very steady and stronger than usual in Western India, and gave general rain over the whole of Western and Central India during the remainder of the month. The logs of vessels indicate that the weather was very squally and disturbed in the north and centre of the Arabian Sea during the first fortnight of the month, and that strong and steady monsoon winds (force 4 to 8) prevailed during the latter half of the month.

South-west monsoon winds prevailed over the whole of the Bay area at the commencement of the month. They were below normal strength and the current was directed to an unusual extent to the north-east of the Bay and Burma. These conditions continued until the 17th, when a rapid increase occurred in the force of the winds over the south and centre of the Bay, and weather became squally at the head of the the Bay. A small cyclonic storm formed on the 17th and 18th at the head of the Bay. This storm advanced across the Orissa coast in a west-north-west direction. The indraught to it produced a large temporary increase in the force of the winds in the north of the Bay. They also increased during the existence of the land-formed storm of the 23rd to the 26th, and heavy to hard westerly gales were experienced by several vessels during the last ten days of the month in the north of the Bay.

The average force of the winds at the coast stations of the north of the Bay and at the Bombay coast stations was slightly above the normal. This was due to the increased strength of the monsoon winds during the last fortnight of the month.

STATION.	Average normal velocity, June.	AVERAGE ACTUAL VELOCITY, JUNE 1890.		
		1st to 15th.	16th to 30th.	Whole month.
Bombay	389	391	453	422
Belgaum	583	484	666	597
Saugor Island	350	410	353	381
False Point	288	332	315	324

Winds were on the average of the month normal in direction and steadiness in Burma and at Port Blair, but were slightly below their normal strength. Winds were more directly from the south of Saugor Island and False Point, and had a feebler easterly component than usual at the inland stations. They were stronger at almost all stations in Bengal, Behar and Chota Nagpur, the increase being most marked at Burdwan (27 per cent. stronger) and at Patna (60 per cent stronger). Winds were normal in direction in Behar. At Hazaribagh the mean wind direction was S. 76° W., the normal being S. 36° W. The increased westing was chiefly due to the strong influence of the Bombay current in Central India and the Deccan.

Winds were very unsteady in the south-eastern districts of the North-Western Provinces. The following data show that there was a marked tendency to cyclonic movement in that area due to interaction between the westerly current up the Gangetic plain and the easterly current across Central India :—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, June 1890.	Normal wind direction, June.	Percentage, June 1890.	Average percentage, June.	Daily wind velocity, June 1890.	Normal daily wind velocity, June.
Allahabad	N59°W	N2°E	20	12	153	102
Ghazipur	S11°W	N74°E	13	12	53	73
Lucknow	N87°E	N51°E	30	17	165	102

Winds were steadier in the western districts of the North-Western Provinces and the Punjab. South-east humid winds extended earlier than usual in the month to the East Punjab. Thus, at Lahore, the mean wind direction of the month was S. 50° E., the normal being N. 19° W. Winds were on the average of the month normal, or slightly stronger than the average on the Bombay and Sind coasts, and were unusually steady. The most important feature was the increased southing of the monsoon winds blowing across the Bombay coasts and the Deccan. The following gives examples:—

Station.	Direction.	
	Mean wind direction, June 1890.	Normal mean wind direction, June.
Karwar	S61°W	S76°W
Bombay	S42°W	S63°W
Belgaum	S35°W	S73°W
Sholapur	S66°W	N86°W

Similarly, in West Rajputana, Central India and the Central Provinces winds were steadier, and on the whole stronger than usual, and the mean wind directions contained a stronger southerly (or a weaker westerly element) than usual. The following gives the most striking examples :—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, June 1890.	Normal mean wind direction, June.	Percentage, June 1890.	Average percentage June.	Daily wind velocity, June 1890.	Normal daily wind velocity, June.
Deesa	S2°W	S36°W	73	72	397	403
Nagpur	S88°W	N76°W	59	52	248	183

In the eastern districts of Rajputana and Central India winds were more westerly than usual.

Winds were normal in direction and intensity in Madras and were even steadier than usual.

July.—The Bombay branch of the monsoon lower air current was steadier and stronger than usual on the Sind and Bombay coasts, and slightly below the normal on the Malabar coast. The Peninsular and Oriental steamers crossing between Bombay and Aden during the month had strong monsoon winds and gales throughout. Their reports indicate that the winds were strongest in the second and third weeks of the month. The following table gives data showing the average strength of the Bombay current in different parts of the land area over which it prevailed:—

BOMBAY BRANCH.	Number of stations.	VELOCITY.			STEADINESS.		
		Mean daily wind velocity, July 1890.	Normal mean daily wind velocity, July.	Excess expressed as a percentage.	Mean percentage, July 1890.	Average mean percentage, July.	Excess expressed as a percentage.
Bombay Coast	3	428	402	+ 6	89	81	+ 8
Central Provinces	5	230	181	+27	88	74	+14
Deccan	3	464	456	+ 2	93	85	+ 8

The Bay current was slightly weaker near the Andamans and the Pegu coast, but was above its normal strength in the north of the Bay, and was unusually steady. This increased steadiness was chiefly due to the unusually small number of cyclonic storms at the Head of the Bay during the month. The following gives data showing the strength and steadiness of this current in Burma and Northern India:—

BAY OF BENGAL BRANCH.	Number of stations.	VELOCITY.			STEADINESS.		
		Mean daily wind velocity, July 1890.	Normal mean daily wind velocity, July.	Excess or defect expressed as a percentage.	Mean percentage, July 1890.	Normal mean percentage, July.	Excess or defect expressed as a percentage.
Port Blair	1	244	254	— 4	84	89	— 5
Burma	2	160	170	— 6	78	76	+ 2
Bengal	4	236	204	+16	66	51	+15
Behar	2	146	107	+37	30	50	—20
N.-W. Provinces	3	203	148	+37	39	23	+16

The average position of the south-west monsoon trough of low pressure in Northern India is given by the following:—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, July 1890.	Normal mean wind direction, July.	Percentage, July 1890.	Average percentage, July.
Hazaribagh	S83°W	S16°E	40	19
Ghazipur	S72°W	S63°E	6	22
Allahabad	S81°W	N84°E	27	7
Lucknow	S12°E	N85°E	28	18
Meerut	S25°E	S86°E	31	23
Lahore	S62°E	S84°E	34	34

The trough lay further north than usual.

Winds in Burma were fairly normal in direction. Winds at the coast stations of the north of the Bay were also normal in direction, but were stronger and steadier than usual. In Central and East Bengal the easterly component in the mean wind direction was much weaker than usual, thus indicating a larger deflection of the current towards East and North Bengal than usual. The following gives data:—

STATION.	DIRECTION.		STEADINESS.		VELOCITY.	
	Mean wind direction, July 1890.	Normal mean wind direction, July.	Percentage, July 1890.	Average percentage, July.	Daily wind velocity, July 1890.	Normal daily wind velocity, July.
Burdwan	S11°W	S26°E	69	47	111	100
Calcutta	S20°W	S11°E	64	65	100	123
Dacca	S 8°E	S19°E	78	80	206	173
Chittagong	S13°E	S40°E	84	63	150	172

This stronger set of the Bay current to East and North Bengal accompanied an unusual extension of the Bombay current into Chota Nagpur and the south-eastern districts of the North-Western Provinces. This is fully shown by the following data:—

STATION.	DIRECTION.	
	Mean wind direction, July 1890.	Normal mean wind direction, July.
Hazaribagh	S83°W	S16°E.
Ghazipur	S72°W	S63°E.
Allahabad	S81°W	N84°E.
Agra	S52°W	N63°E.

At all these stations the dominant winds of the month were westerly and due to the Bombay current, and not easterly, as is generally the case in July. Winds were, as might be expected under these conditions, more southerly in Behar. South-east winds obtained over the Punjab and in Upper Sind, and were steadier than the normal.

Winds were more westerly than usual on the Sind and Bombay coasts, and in Rajputana and Central India. The following gives examples:—

STATION.	DIRECTION.	
	Mean wind direction, July 1890.	Normal mean wind direction, July.
Kurrachee	S70°W	S62°W
Bombay	S77°W	S75°W
Ratnagiri	S71°W	S55°W
Ajmere	S83°W	S62°W

In the Central Provinces the feeble northerly component of the mean winds was generally replaced by a weak southerly element, and in the Deccan and at Karwar winds were more southerly than usual.

The following data shew the character and amount of the deflection :—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, July 1890.	Normal mean wind direction, July.	Percentage, July 1890.	Average percentage, July.
Nagpur	S78°W	N88°W	88	69
Khandwa	S88°W	N83°W	91	80
Karwar	S62°W	S74°W	76	80
Belgaum	S45°W	S70°W	90	90
Sholapur	S53°W	S80°W	95	81

In Madras winds were normal in direction throughout the month.

The preceding remarks show that the chief features of the air movement of the month were the strong eastward set of the Bay current into North and East Bengal and the extension of the Bombay current into the southern and south-eastern districts of the North-Western Provinces and Chota Nagpur. This accompanied a northward shift of the trough of low pressure and restricted the area in which the easterly current from the Bay prevailed in Northern India to a narrower belt along the base of the Himalayas than usual.

August.—The Arabian Sea current was unusually strong during the first three weeks of the month, and the mail steamers reported steady and strong monsoon winds and gales during this period. The winds fell off very rapidly in strength in the north and centre of the Arabian Sea during the last ten days of the month. The mail steamer *Peshawar*, which arrived at Bombay on the 25th, experienced during her passage from Aden light monsoon winds, and the *Assam* arriving on the 1st of September had throughout light winds and fine weather. The following table gives comparative data of the Bombay branch of the monsoon current :—

BOMBAY BRANCH.	NUMBER OF STATIONS.	VELOCITY.			STEADINESS.		
		Mean daily wind velocity, August 1890.	Normal mean daily wind velocity, August.	Excess or defect expressed as a percentage.	Mean percentage, August 1890.	Average percentage, August.	Excess or defect expressed as a percentage.
Bombay Coast	1	390	384	+2	88	81	+7
Deccan	3	386	372	+4	88	83	+5
Central Provinces	6	207	176	+18	81	72	+9

The Bay monsoon current was, on the other hand, below its normal strength during nearly the whole month. The following give comparative data :—

BAY OF BENGAL BRANCH.	NUMBER OF STATIONS.	VELOCITY.			STEADINESS.		
		Mean daily wind velocity, August 1890.	Normal mean daily wind velocity, August.	Excess or defect expressed as a percentage.	Mean percentage, August 1890.	Normal percentage, August.	Excess or defect expressed as a percentage.
Port Blair	1	206	228	—10	76	82	—6
Burma	3	105	117	—10	72	69	+3
Bengal	4	183	180	+2	75	60	+15
Behar	2	116	97	+20	42	47	—5
North-West Provinces . .	6	77	81	—5	25	13	+12

The position of the monsoon trough of low pressure and of variable winds is defined by the following stations, for which data are given showing the variable character of the air motion in the trough :—

Station.	Direction.		Steadiness.	
	Mean wind direction, August 1890.	Normal mean wind direction, August.	Percentage, August 1890.	Average percentage, August.
Hazaribagh	S59°W	S50°W	19	7
Ghazipur	S40°E	S50°E	11	19
Allahabad	N46°W	N40°E	21	4
Lucknow	N8°E	S77°E	13	12
Meerut	S64°W	N80°E	27	5
Lahore	S12°W	S83°E	11	27

As in the previous month the trough of low pressure was displaced considerably northwards and ran across the centre of the Gangetic plain instead of along its southern edge, its normal position in July and August.

Winds were more westerly than usual in August at Port Blair, but were normal in direction and steadiness in Burma. In the interior of Bengal the winds were deflected from their normal directions in the same manner as in July, thus indicating a persistent abnormal set of the monsoon winds to East and North Bengal. And as is usually the case, the deflection of the mean direction of the winds at Saugor Island was opposite to that in the interior of Bengal. The following gives data for typical stations :—

Station.	Direction.		Steadiness.	
	Mean wind direction, August 1890.	Normal mean wind direction, August.	Percentage, August 1890.	Average percentage, August.
Burdwan	S8°E	S27°E	65	48
Calcutta	S5°E	S17°E	69	57
Chittagong	S1°E	S32°E	77	55
Saugor Island	S4°W	S17°W	73	54
False Point	S15°W	S57°W	56	53

As in the preceding month, westerly winds extended across Central India into the western and southern districts of the North-Western Provinces, thus displacing in those districts the normal south-easterly or easterly winds of the period. The following gives data for stations in that area :—

Station.	Direction.		Steadiness.	
	Mean wind direction, August 1890.	Normal mean wind direction, August.	Percentage, August 1890.	Normal percentage, August.
Roorkee	S50°W	S36°E	41	27
Meerut	S64°W	N80°E	27	5
Agra	N71°W	S22°E	35	10
Allahabad	N46°W	N40°E	21	4

The unusual extension of the Bombay current was shewn as strikingly in the Punjab as in the North-Western Provinces, as is seen by the following data:—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, August 1890.	Normal mean wind direction, August.	Percentage, August 1890.	Average percentage, August.
Lahore	S12°W	S83°E	11	27
Ludhiana	N87°W	S66°E	24	10

Winds were stronger and steadier than usual on the west coast. The mean directions of the wind differed little from the normal at the Bombay coast stations, but the change in the winds at the end of the third week of the month impressed a very slight northerly deflection in the wind resultants of several stations, *e.g.*,—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, August 1890.	Normal mean wind direction, August.	Percentage, August 1890.	Average percentage, August.
Ratnagiri	N80°W	S63°W	89	61
Karwar	N82°W	W	72	79

Winds were normal in character in the Deccan and Madras. They were steadier than usual in the Central Provinces and Behar. Their variations from the mean directions were small, but indicated that on the whole the air movement was more directly from the west than usual.

It will thus be seen that the chief features of the air movement in August were similar to those of the preceding month. The Bay current was weaker than usual and was deflected to a much larger extent than usual to East and North Bengal. It was also restricted to a much narrower belt at the foot of the hills in the Gangetic plain than usual. The Bombay current was very strong and prevailed over the Punjab and the western districts of the North-Western Provinces to the exclusion of the Bengal or Bay current.

September.—The logs of the mail steamers which crossed the Arabian Sea between Aden and Bombay during the month show that the monsoon currents were very feeble at the commencement of the month, but increased during the latter half of the month. The mail steamers which arrived at Bombay on the 6th and 13th had light winds, fine weather and a smooth sea, whilst those arriving on the 20th and 27th had moderate south-west to west winds with occasional rain and a long southerly swell. This increase was shown to a slight extent by the wind observations of the coast stations and was probably general over the Arabian Sea. The following gives data:—

STATION.	Average normal velocity, September.	AVERAGE ACTUAL VELOCITY, SEPTEMBER 1890.		
		1st to 15th.	16th to 30th.	Whole month.
Bombay	273	244	253	249
Karwar	?	55	61	58
Belgaum	400	368	442	405

The Bombay current retreated from Sind and the West Punjab at the commencement of the month. An almost complete break in the rains obtained in Northern and Central India during the first ten days of the month. A series of storms formed in the Bay during the latter half of the month and advanced into Central and North-Eastern India. The indraught towards these depression and cyclonic rainfall areas increased the air currents from the Arabian Sea as well as the Bay of Bengal and gave strongish winds and disturbed rainy weather over the whole of India except Sind, West Rajputana, and the West Punjab during the remainder of the month. The following data shews that on the average of the month the Bombay current was practically normal in strength and the Bay of Bengal current considerably above it :—

	No. of Stations.	VELOCITY.		
		Mean daily wind velocity, September 1890.	Normal mean daily wind velocity, September.	Excess or defect expressed as a percentage.
Bombay Branch—				
West Coast	2	311	316	— 2
Deccan	3	313	299	+ 5
Central Provinces	8	147	123	+20
Bay of Bengal Branch—				
Port Blair	1	222	214	+ 4
Burma	3	87	106	—18
Bengal	4	145	128	+13
Behar	3	170	112	+52
North-West Provinces	4	107	76	+41

The monsoon trough of low pressure varied considerably in position during the month. Its mean position is defined by the stations for which wind data are given in the following table :—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, September 1890.	Normal mean wind direction, September.	Percentage, September 1890.	Normal percentage, September.
Lahore	S44°E	N60°E	8	13
Ludhiana	N59'W	N40°W	32	13
Roorkee	S25°W	S 6°E	15	9
Meerut	N28°W	N34°W	5	17
Agra	N63°W	N26°W	27	13
Lucknow	N34°E	N 1°E	15	14
Allahabad	N17°E	N42°E	17	11
Hazaribagh	S57°E	S64°E	18	21

Winds in Arakan and Burma were normal in direction and steadiness and were on the whole slightly below their mean intensity in September.

Winds were more easterly than usual in South-West Bengal and were steadier and stronger than the normal. In Central and East Bengal the southerly winds of the month had a stronger easterly component than usual, but the abnormal easterly deflection was much smaller and less marked than during the previous three months. Easterly winds prevailed over the eastern and central districts of the North-Western Provinces and Chota Nagpur, so that the Bengal current had its normal extension in the Gangetic plain in September. The following gives data in illustration :—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, September 1890.	Normal mean wind direction, September.	Pecentage, September 1890.	Normal percentage, September.
Lucknow	N34°E	N1°E	15	14
Allahabad	N17°E	N42°E	17	11
Ghazipur	S81°E	S28°E	23	7
Hazaribagh	S57°E	S64°E	18	21

North-westerly winds set in over Rajputana, the Punjab, and the western districts of the North-Western Provinces earlier than usual during the month. Light variable winds obtained in the Central Punjab. The following table gives data for representative stations :—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, September 1890.	Normal mean wind direction, September.	Percentage, September.	Average percentage, September.
Mount Abu	N79°W	S67°W	41	27
Ajmere	N63°W	S80°W	62	44
Ludhiana	N59°W	N40°W	32	13
Meerut	N28°W	N34°W	5	17
Agra	N63°W	N26°W	27	13

The partial withdrawal of the Bombay current during the first fortnight of the month from North-Western, Western and Central India caused a considerable increase in the northing of the winds at the Bombay coast stations, of which the following are examples :—

STATION.	DIRECTION.	
	Mean wind direction, September 1890.	Normal mean wind direction, September.
Bombay	N77°W	S89°W
Ratnagiri	N63°W	S88°W
Karwar	N70°W	N86°W
Cochin	N61°W	N82°W

The data for Cochin show that the deflection was almost as strongly marked in Malabar as at Bombay or Ratnagiri. Winds were normal in direction in Madras, and were steadier than usual.

October.—As already pointed out under the pressure section, the distribution of pressure was very abnormal at this period. Pressure was lower than usual in Bengal and Assam, and the low pressure area, which usually occupies the south of the Bay and accompanies or determines the shift of the wind to north-east on the Madras coast, and the commencement of the retreating south-west monsoon rains in the Madras coast districts lay over the north or centre of the Bay during the whole month. The most important effect of these abnormal pressure conditions was to give dry north-westerly winds to Madras instead of the normal humid north-easterly winds. These abnormal conditions continued until very nearly the end of the month, when the pressure distribution changed and general rain commenced in Southern India on the 27th and 28th.

Winds were much stronger and steadier than usual at Port Blair and the Burma stations. Their mean directions differed little from the normal, except at Port Blair and Mergui, where they were more westerly than usual.

In Bengal winds were stronger but more unsteady than usual, thus showing the influence of the unsettled weather and storms of the month. The air motion was also very irregular, the mean wind directions at neighbouring stations showing large deviations in opposite directions. The following data illustrate these features:—

Station.	Direction.		Steadiness.	
	Mean wind direction, October 1890.	Normal mean wind direction, October.	Percentage, October 1890.	Average percentage, October.
Saugor Island	N8°W	N10°E	22	13
Calcutta	N47°E	N48°W	9	11
Burdwan	N21°W	N19°E	23	29
Dacca	S20°W	S55°E	17	4
Akyab	N28°E	S35°E	24	12
Chittagong	N27°W	N10°W	1	14

Westerly winds obtained in Behar and Chota Nagpur, but contained a strong abnormal southerly element, *e.g.*,—

Station.	Direction.		Steadiness.	
	Mean wind direction, October 1890.	Normal mean wind direction, October.	Percentage October 1890.	Average percentage, October.
Patna	S36°W	N21°E	15	4
Darbhanga	S35°W	N68°E	15	3

Winds were steadier and slightly stronger in Chota Nagpur and the North-Western Provinces. There was hence during the month a larger drift of air down the Gangetic plain than usual. The air movement from north-west across Rajputana and Central India was feebler than usual. Winds in the Central Provinces were remarkably steady during the month and were generally more northerly than usual. The following gives data:—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, October 1890.	Normal mean wind direction, October.	Percentage, October 1890.	Average percentage, October.	Daily wind velocity, October, 1890.	Normal daily wind velocity, October.
Jubbulpore	N32°E	N3°E	32	17	35	49
Nagpur	N8°E	N37°E	67	51	118	89
Akola	N29°W	N20°E	66	32	90	82
Khandwa	N11°E	N24°E	56	28	60	68

A similar deviation of the wind directions from the normal obtained at the Bombay coast and the West Deccan stations, where the northerly element in the prevailing north-east winds of the month was unusually strong *e.g.*,—

Stations.	Direction.		Steadiness.	
	Mean wind direction, October 1890.	Normal mean wind direction, October.	Percentage, October 1890.	Average percentage, October.
Bombay	N17°W	N15°E	44	38
Poona	N12°E	N38°E	29	17
Sholapur	N21°E	N50°E	37	30
Belgaum	N16°W	N88°E	26	72
Secunderabad	N17°E	N37°E	59	42
Bellary	N9°W	N24°E	20	14

This deflection of the winds in the Deccan was, as already stated, a result of the abnormal pressure conditions of the month.

The winds at the Madras coast stations and in the Carnatic show the same deflection even more strongly—

Station.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, October 1890.	Normal mean wind direction, October.	Percentage, October 1890.	Average percentage, October.	Daily wind velocity, October 1890.	Normal daily wind velocity, October.
Madras	N11°E	N35°E	20	10	107	121
Vizagapatam	N25°W	S65°E	32	18	44	44
Trichinopoly . . .	N67°W	N44°W	21	33	98	93

In Burma winds were approximately normal in direction and steadier than usual. Winds were more westerly than usual at Port Blair, where the mean wind direction was S. 16° W., the normal being S. 5° W. They were also remarkably steady, the percentage being 53, or more than double the normal percentage (24).

November.—Winds were unusually strong at the hill stations. They were approximately normal in direction and steadiness in the Punjab and North-Western Provinces. In Bengal they were on the whole slightly weaker. The westerly element in the mean wind direction was unusually feeble, and was at several stations replaced by an easterly component, *e.g.*,—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, November 1890.	Normal mean wind direction, November.	Percentage, November 1890.	Average percentage, November.
Calcutta	N15°E	N17°W	52	58
Dacca	N18°E	N17°W	37	38
Chittagong	N5°W	N20°W	50	53

The mean winds at these stations were deflected on the average nearly 30° to the east. At Darjeeling the deflection was considerably greater. The mean wind direction at that station was N. 20° W., the normal being N. 61° W.

At the great majority of stations in Burma and Assam the winds were also more easterly than usual—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, November 1890.	Normal mean wind direction, November.	Percentage, November 1890.	Average percentage, November.
Dhubri	N70°E	N47°E	59	46
Rangoon	N72°E	N60°E	54	57
Mergui	N41°E	N28°E	67	42
Port Blair	S67°E	N63°E	64	53

A similar deflection was shewn in Rajputana:—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, November 1890.	Normal mean wind direction, November.	Percentage, November 1890.	Average percentage, November.
Deesa	N52°E	N33°E	50	31
Jeypore	N86°E	N12°W	30	39

Winds were slightly more steady and stronger than usual in Sind. At Kurrachee the mean wind direction was N. 5° E., the normal being S. 81° W.

Winds were generally slightly weaker in the Central Provinces and the Peninsula and had in the majority of cases an unusually strong easterly element. There was great irregularity both in the direction and steadiness of the winds in the Bombay coast districts and the Deccan. The following gives examples:—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, November 1890.	Normal mean wind direction, November.	Percentage, November 1890.	Average percentage, November.
Bombay	N1°E	N17°E	27	59
Ratnagiri	S75°W	N1°W	38	30
Sholapur	S80°E	N69°E	77	63
Bellary	N87°E	N80°E	16	56

Winds were normal in direction in the Carnatic, but were weaker than usual. The most marked features of the lower air circulation in November were—

1st.—It was weaker in nearly in every part of India.

2ndly.—Over the whole of North-Eastern India and Burma the north-easterly winds of the month were more easterly than usual.

3rdly.—The same easterly deflection was almost as marked a feature in Lower Sind, Rajputana, Central India and the West Deccan.

December.—Weather was unusually disturbed with frequent storms in Upper India during the month. Winds were hence very much stronger and steadier at the hill stations, *e. g.*—

STATION.	VELOCITY.	
	Daily wind velocity, December 1890.	Normal daily wind velocity, December.
Murree	271	167
Chakrata	124	100

This was further shewn by the fact that at Simla the mean wind direction was that characteristic of stormy weather in the Punjab hill districts, *viz.*, south-east, the normal direction being N. 83° W.

In Rajputana light and unsteady winds with an abnormally strong westerly element prevailed during the month—

STATION.	DIRECTION.		STEADINESS.		VELOCITY.	
	Mean wind direction, December 1890.	Normal mean wind direction, December.	Percentage, December 1890.	Average percentage, December.	Daily wind velocity, December 1890.	Normal daily wind velocity, December.
Jeypore	N. 36° W.	N. 14° W.	29	29	70	79
Ajmere	S. 87° W.	N. 84° E.	2	15	31	35
Deesa	N. 1° W.	N. 17° E.	28	27	213	195

The westerly deflection was even larger at Mount Abu, where the mean wind direction of the month was S. 67° W., the normal being N. 48° E. Winds were more westerly than usual in the western districts of the North-Western Provinces, but were normal in the eastern districts and in Behar. The following gives data for three representative stations:—

STATION.	DIRECTION.		STEADINESS.	
	Mean wind direction, December 1890.	Normal mean wind direction, December.	Percentage, December 1890.	Average percentage, December.
Lucknow	N. 71° W.	N. 53° W.	48	49
Allahabad	N. 55° W.	N. 54° W.	34	22
Patna	S. 81° W.	N. 83° W.	66	52

In the interior of Bengal and in Assam the mean wind directions were less westerly or more easterly, but were slightly more westerly at the Bengal and Orissa coast stations. Winds were more westerly at the West coast stations and in the eastern districts of the Central Provinces. In Burma and Madras the variations of the winds from their normal directions were generally small and unimportant. At Port Blair they were less easterly than usual and very much weaker at that station and in Lower Burma. The following gives data:—

STATION.	DIRECTION.		STEADINESS.		VELOCITY.	
	Mean wind direction, December 1890.	Normal mean wind direction, December.	Percentage, December 1890.	Average percentage, December.	Daily wind velocity, December 1890.	Normal daily wind velocity, December.
Rangoon	N. 24° E.	N. 36° E.	59	60	75	114
Diamond Island	N. 7° E.	N. 34° E.	48	74	84	166
Port Blair	N. 34° E.	N. 51° E.	72	72	146	171

HYGROMETRY.

The hygrometric data for the year are given in Tables VIII, IX and X of Appendix A. The first of these gives the monthly means of the readings of the wet bulb thermometer at each hour of observation, of the minimum wet bulb, the mean range, the mean wet bulb temperature (*i.e.*, the average of the 10h., and 16h., and minimum readings for the month) and the differences of these several values from the corresponding air temperatures. The precautions adopted in the exposure of these instruments are stated in page 136 of the report for the year 1887.

The second table (IX of Appendix A) gives the monthly mean vapour tension, the monthly means for the two hours, 10 A.M. and 4 P.M., and those deduced from the readings of the minimum dry and wet bulbs; and the observations in the third table (X of Appendix A) give corresponding mean relative humidity data. In all cases the hygrometric data are taken from the tables accompanying the *Vade Mecum*, which are computed to the vapour tension of Lat. 22° by means of Regnault's modification of August's formula. In these a constant barometric pressure is assumed for the same station, *viz.*, 29·7 inches for stations up to 1,000 feet elevation, 27·7 inches for stations between 1,000 and 3,000 feet, 25·8 inches for those between 3,000 feet and 5,000 feet, 23·5 inches for the hill stations of the Nilgiris and the Himalayas, all of which are between 6,000 and 8,000 feet, and 19·7 inches for the hill stations of Leh and Kailang, which are at elevations of between 10,000 and 11,500 feet.

The four following tables (Tables XXII to XXV) give the average vapour tension and relative humidity at 84 stations in India, Burma, &c., and the differences of these normal monthly averages and the corresponding monthly averages of the year 1890. In these tables of averages there have been included only two classes of data, namely, those deduced from the 10h., 16h., and minimum readings, and those formerly recorded at six-hourly intervals at certain stations.

Tables XXVI and XXVII give geographical summaries of the data of Tables XXIV and XXV, on a plan similar to that adopted in previous sections of this report.

TABLE XXII.—*Average monthly mean vapour tension of 84 stations in India, Ceylon, &c.*

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . .	13—14	·139	·151	·192	·232	·261	·361	·533	·555	·415	·233	·158	·135	·281
Chamba . .	6—7	·216	·226	·277	·313	·338	·465	·738	·742	·551	·397	·276	·238	·398
Kailang . .	3—4	·099	·105	·127	·167	·178	·236	·365	·362	·216	·126	·101	·097	·182
Simla . . .	10—13	·151	·152	·197	·244	·286	·413	·545	·535	·446	·256	·179	·142	·296
Peshawar . .	14—15	·225	·229	·330	·411	·425	·509	·730	·776	·589	·368	·271	·248	·426
Lahore . .	16	·265	·277	·356	·388	·435	·608	·865	·867	·714	·451	·313	·280	·485
Ludhiana . .	12—16	·281	·296	·366	·405	·481	·633	·872	·872	·754	·474	·305	·276	·501
Mooltan . .	12—16	·260	·269	·390	·454	·579	·744	·877	·883	·795	·532	·352	·269	·534
Jacobabad . .	12—14	·212	·221	·313	·380	·450	·668	·814	·815	·694	·438	·299	·241	·462
Kurrachee . .	15—16	·348	·406	·598	·715	·881	·949	·918	·853	·827	·640	·437	·380	·663
Jeypore . .	10	·268	·254	·316	·317	·425	·670	·851	·814	·675	·422	·287	·272	·464
Ajmere . .	14—15	·263	·256	·338	·391	·518	·682	·788	·779	·689	·462	·308	·269	·479
Mt. Abu . .	10—14	·198	·176	·213	·248	·341	·568	·628	·603	·539	·338	·231	·212	·358
Chakrata . .	13—15	·156	·160	·195	·204	·274	·406	·510	·541	·468	·277	·196	·149	·295
Ranikhet . .	15	·191	·192	·231	·262	·325	·460	·581	·570	·508	·328	·246	·197	·341
Pithoragarh . .	7—10	·217	·204	·254	·273	·361	·520	·647	·631	·569	·379	·272	·223	·379
Roorkee . .	14—15	·284	·283	·331	·319	·415	·637	·874	·861	·766	·493	·336	·286	·490
Meerut . .	13—15	·285	·288	·369	·399	·503	·685	·889	·874	·756	·498	·327	·285	·513
Agra . . .	15	·288	·276	·327	·339	·441	·670	·915	·896	·785	·492	·312	·284	·502
Lucknow . .	15	·301	·292	·362	·406	·542	·760	·922	·912	·835	·574	·355	·305	·547
Allahabad . .	15—17	·340	·325	·370	·390	·528	·763	·958	·947	·892	·630	·407	·342	·574
Ghazipur . .	3—6	·330	·265	·328	·400	·557	·778	·928	·916	·857	·620	·408	·355	·562
Nowgong . .	11—14	·289	·275	·337	·381	·407	·717	·874	·857	·791	·536	·328	·298	·508
Sutna . . .	14—15	·267	·230	·251	·249	·355	·636	·834	·829	·766	·515	·298	·250	·457
Darbhanga . .	12—15	·398	·377	·461	·561	·758	·913	·969	·961	·936	·765	·532	·428	·672
Patna . . .	15—16	·363	·349	·403	·468	·685	·874	·960	·955	·914	·700	·459	·374	·625
Hazaribagh . .	14—16	·267	·244	·289	·296	·472	·685	·818	·802	·760	·545	·353	·255	·482
Darjeeling . .	13—15	·203	·211	·255	·323	·399	·491	·519	·505	·477	·370	·266	·200	·352
Pedong . .	4—6	·282	·281	·354	·426	·513	·636	·671	·653	·616	·510	·369	·300	·468
Berhampore . .	15—16	·395	·394	·512	·630	·802	·936	·962	·952	·935	·793	·563	·432	·692
Burdwan . .	15—16	·394	·397	·533	·653	·813	·929	·955	·947	·930	·794	·546	·409	·692
Calcutta (Alipore) .	13—14	·437	·487	·675	·815	·896	·971	·973	·968	·956	·842	·592	·445	·755

TABLE XXII.—*Average monthly mean vapour tension of 84 stations in India, Ceylon, &c.*—continued.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Saugor Island	22—23	·528	·623	·822	·939	·985	1·026	1·002	·993	·979	·862	·638	·503	·825
Dacca	15	·436	·447	·637	·807	·887	·971	·980	·971	·964	·850	·625	·479	·755
Chittagong	13—15	·467	·504	·687	·818	·863	·848	·912	·904	·914	·854	·689	·520	·748
Dhubri	8—10	·425	·379	·506	.654	·787	·896	·945	·926	·893	·779	·612	·467	·689
Sibsagar	16	·424	·448	·544	·668	·784	·917	·949	·943	·917	·792	·588	·449	·702
Silchar	16	·426	·438	·585	·719	·794	·907	·932	·921	·903	·811	·619	·473	·711
False Point	10—13	·543	·625	·787	·906	·961	·970	·937	·932	·927	·829	·626	·499	·795
Cuttack	14—15	·472	·520	·662	·768	·832	·890	·900	·907	·899	·785	·586	·457	·723
Sambalpur	12—15	·435	·461	·523	·545	·679	·825	·897	·902	·898	·766	·545	·424	·658
Raipur	15—16	·353	·347	·368	·410	·471	·727	·827	·826	·804	·641	·445	·345	·547
Khandwa	13—16	·329	·316	·307	·347	·486	·717	·781	·763	·738	·543	·359	·321	·500
Hoshangabad	14—15	·339	·307	·321	·342	·457	·744	·832	·810	·786	·597	·388	·336	·522
Jubbulpore	13—15	·329	·311	·331	·329	·405	·687	·817	·808	·771	·568	·368	·300	·502
Nagpur	15—16	·351	·322	·337	·363	·428	·713	·812	·795	·768	·582	·415	·345	·519
Chanda	13—15	·407	·394	·404	·427	·488	·732	·801	·805	·808	·687	·508	·403	·572
Sironcha	13—15	·456	·469	·506	·554	·601	·777	·836	·849	·844	·726	·573	·462	·638
Chikalda	14—15	·310	·284	·296	·276	·368	·597	·654	·643	·630	·473	·368	·308	·434
Buldana	12—15	·316	·280	·291	·314	·442	·675	·715	·701	·683	·539	·404	·337	·475
Akola	14—15	·321	·281	·291	·285	·398	·685	·766	·747	·735	·574	·400	·333	·485
Deesa	15—16	·261	·227	·318	·366	·584	·731	·828	·797	·726	·444	·279	·261	·485
Bombay	44	·579	·606	·716	·817	·881	·927	·911	·881	·868	·843	·693	·620	·779
Poona	15—16	·323	·289	·325	·383	·510	·685	·697	·682	·672	·553	·423	·331	·489
Sholapur	13—14	·342	·313	·332	·382	·464	·624	·659	·656	·663	·575	·468	·380	·488
Ratnagiri	14	·555	·592	·707	·794	·825	·847	·858	·847	·835	·791	·660	·558	·739
Karwar	10—13	·595	·653	·758	·827	·853	·842	·830	·833	·821	·818	·716	·610	·763
Belgaum	14—16	·352	·333	·408	·519	·596	·664	·669	·655	·646	·589	·470	·376	·523
Secunderabad	16	·498	·406	·448	·493	·518	·646	·681	·684	·693	·598	·488	·413	·540
Vizagapatam	21	·581	·642	·745	·839	·908	·882	·852	·874	·882	·816	·660	·550	·769
Bellary	15—16	·407	·360	·388	·489	·570	·658	·662	·667	·669	·629	·545	·465	·542
Madras	16	·640	·664	·768	·866	·870	·799	·784	·806	·812	·820	·758	·692	·773
Salem	16	·567	·555	·637	·736	·769	·764	·754	·762	·758	·758	·653	·589	·692
Mercara	8—10	·426	·399	·479	·589	·615	·601	·579	·580	·574	·582	·541	·467	·536
Trichinopoly	16	·609	·610	·671	·724	·738	·712	·698	·716	·726	·764	·734	·663	·697
Cochin	16	·686	·742	·840	·886	·893	·854	·836	·831	·832	·831	·808	·731	·814

TABLE XXII.—*Average monthly mean vapour tension of 84 stations in India, Ceylon, &c.*—concluded.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Wellington . .	13—14	·300	·280	·334	·392	·442	·440	·423	·439	·428	·441	·414	·347	·390
Newera Eliya .	17—20	·392	·365	·390	·430	·456	·449	·421	·425	·433	·382	·430	·416	·416
Kandy . .	18—20	·626	·612	·656	·720	·738	·725	·706	·702	·696	·703	·694	·666	·687
Jaffna . . .	18	·750	·751	·859	·975	1·005	·972	·940	·942	·939	·912	·863	·755	·889
Trincomalee . .	15—18	·764	·781	·837	·870	·867	·841	·878	·815	·797	·826	·826	·804	·826
Batticaloa . .	18—21	·825	·808	·864	·922	·927	·885	·875	·892	·893	·898	·870	·838	·875
Galle . . .	19—20	·847	·865	·891	·933	·950	·936	·912	·914	·924	·910	·891	·865	·903
Colombo . .	19—20	·759	·772	·826	·875	·889	·862	·837	·841	·835	·875	·819	·788	·831
Hambantota. .	17—19	·784	·788	·839	·888	·896	·876	·827	·836	·836	·838	·828	·805	·837
Akyab . .	13—15	·497	·517	·683	·816	·883	·916	·913	·906	·908	·878	·756	·583	·771
Diamond Island .	10—13	·641	·681	·776	·858	·898	·890	·877	·876	·874	·871	·806	·698	·812
Rangoon . .	14—15	·567	·576	·674	·790	·868	·902	·885	·889	·895	·891	·798	·671	·784
Mergui . .	13—14	·705	·771	·831	·880	·878	·849	·838	·844	·841	·838	·780	·699	·813
Port Blair . .	13—15	·794	·814	·869	·932	·942	·913	·896	·894	·892	·908	·947	·834	·886
Quetta . .	11—13	·158	·164	·208	·256	·280	·375	·461	·394	·254	·193	·150	·145	·253
Leh . . .	9—10	·072	·077	·100	·105	·123	·169	·249	·264	·165	·099	·085	·079	·132
Katmandu . .	8—11	·253	·244	·306	·357	·485	·626	·687	·674	·625	·477	·337	·274	·445
Aden . . .	8—11	·644	·656	·709	·781	·850	·861	·808	·797	·854	·723	·650	·637	·748

TABLE XXIII.—*Average monthly mean relative humidity of 84 stations in India, Ceylon, &c.*

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . .	13—14	58	63	54	49	44	46	75	82	64	45	42	49	56
Chamba . .	6—7	66	63	54	48	44	47	78	83	68	54	51	55	59
Kailang . .	3—4	72	77	72	62	56	53	65	68	54	47	50	66	62
Simla . . .	10—13	58	55	51	46	47	63	89	91	78	52	48	46	60
Peshawar . .	14—15	62	57	57	54	40	37	53	61	54	47	54	61	53
Lahore. . .	22—25	61	57	49	37	33	38	61	64	56	47	49	57	51
Ludhiana . .	12—16	67	62	54	44	42	47	70	72	65	54	52	61	58
Mooltan . .	12—16	59	53	52	44	42	48	59	63	61	54	54	56	54
Jacobabad . .	12—14	45	40	38	34	31	40	52	57	53	43	45	49	44
Kurrachee . .	15—16	56	57	66	69	73	74	78	78	76	63	54	56	67

TABLE XXIII.—*Average monthly mean relative humidity of 84 stations in India, Ceylon, &c.*—continued.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jeypore	10	51	43	38	28	31	50	76	78	64	45	43	49	50
Ajmere	16	51	44	40	34	38	51	71	76	66	49	46	50	51
Mount Abu	10—14	41	34	31	28	35	67	88	90	75	44	37	41	51
Chakrata	14—16	62	62	52	43	49	65	92	92	83	58	55	51	64
Ranikhet	16	62	60	53	44	51	64	86	87	80	61	58	56	64
Pithoragarh	7—10	66	58	51	42	53	67	85	85	80	63	59	58	64
Roorkee	21—23	65	60	49	34	35	51	77	77	72	59	57	63	58
Meerut	15—16	64	56	50	38	41	50	74	76	69	57	55	62	58
Agra	15—16	56	47	38	28	31	45	75	76	67	49	44	53	51
Lucknow	15—16	60	51	43	34	41	55	77	79	73	61	54	59	57
Allahabad	15—16	68	55	42	32	38	55	82	83	80	68	63	67	61
Ghazipur	3—6	58	40	34	32	40	58	79	79	74	59	53	61	56
Nowgong	11—14	57	47	39	31	31	52	79	80	73	58	52	58	55
Sutna	14—15	51	40	31	22	27	49	79	79	73	57	46	48	50
Darbhanga	13—15	71	63	54	51	60	77	83	84	83	76	70	74	71
Patna	19—21	67	57	45	41	55	69	82	83	80	70	62	65	65
Hazaribagh	20—23	51	42	34	28	40	65	85	85	81	65	54	52	57
Darjeeling	21—23	80	79	73	75	87	95	95	94	94	82	80	76	84
Pedong	4—6	83	77	71	73	82	90	93	93	90	86	80	79	83
Berhampore	21—23	70	64	57	59	71	83	87	87	86	79	74	72	74
Burdwan	15—16	63	56	54	54	66	77	83	84	82	75	67	63	69
Calcutta (Alipore)	13—14	71	68	70	71	76	83	87	88	87	84	75	72	78
Saugor Island	21—23	76	76	79	80	80	83	86	87	86	82	75	74	80
Dacca	22—23	69	64	67	73	80	87	87	87	86	80	72	71	77
Chittagong	21—23	73	70	74	77	80	86	87	88	91	83	79	75	80
Dhubri	8—10	76	64	61	68	80	88	86	87	87	80	77	78	78
Sibsagar	16	86	81	79	87	82	84	84	84	86	85	84	85	84
Silchar	19—21	74	70	72	76	80	85	85	85	84	80	77	75	79
False Point	16—18	79	78	82	84	83	83	85	85	84	80	74	75	81
Cuttack	22—23	65	62	62	62	64	73	80	81	81	75	68	65	70
Sambalpur	12—15	64	57	50	42	47	65	83	84	81	74	67	65	65
Raipur	15—16	54	45	37	33	33	62	82	82	78	66	59	54	57
Khandwa	13—16	50	42	31	27	34	60	77	78	74	58	48	51	53
Hoshangabad	14—15	54	44	33	27	31	60	83	84	78	63	54	55	56

TABLE XXIII.—*Average monthly mean relative humidity of 84 stations in India, Ceylon, &c.*,—continued.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jubbulpore	13—15	60	58	38	29	30	59	82	82	77	65	56	57	57
Nagpur	15—16	51	40	32	27	28	61	80	79	75	60	53	52	53
Chanda	13—15	59	49	39	32	32	60	77	78	78	71	66	62	59
Sironcha	13—15	62	53	45	40	41	65	81	82	81	72	68	65	63
Chikalda	14—15	52	41	33	26	35	72	92	94	88	64	56	53	59
Buldana	12—15	44	34	28	26	35	66	80	81	78	60	51	49	53
Akola	14—15	48	35	28	22	27	58	76	75	73	61	52	52	51
Deesa	15—16	38	29	30	28	39	52	74	75	66	42	34	37	45
Bombay	35	70	69	73	75	74	82	87	87	86	80	71	70	77
Poona	15—16	41	32	30	31	43	70	80	79	77	59	48	43	53
Sholapur	13—14	43	34	30	29	36	60	68	69	70	61	53	49	50
Ratnagiri	14	60	62	68	70	69	80	85	85	84	76	64	58	72
Karwar	10—13	69	73	74	73	74	84	87	88	86	84	76	69	78
Belgaum	14—16	46	38	41	50	60	82	89	89	85	72	59	49	63
Secunderabad	16	55	46	41	39	39	61	74	74	75	66	62	58	58
Vizagapatam	21	65	65	66	67	69	68	71	72	73	72	66	63	68
Bellary	14—16	49	37	33	36	43	58	63	64	65	64	62	58	53
Madras	16	74	73	74	74	69	64	67	71	73	79	80	78	73
Salem	15—16	65	57	54	58	64	70	71	74	73	77	76	72	68
Mercara	9—10	62	58	62	73	80	93	96	94	91	86	83	77	80
Trichinopoly	16	68	62	58	55	57	57	58	61	64	73	76	74	64
Cochin	16	70	71	75	77	81	88	88	87	85	83	80	74	80
Wellington	13—14	68	57	59	63	70	75	73	77	77	83	84	76	72
Newera Eliya	17—20	86	73	79	84	88	95	91	81	82	92	91	90	86
Kandy	18—20	78	72	71	76	78	83	82	81	81	82	82	82	79
Jaffna	18	80	76	78	81	85	86	85	86	86	86	93	87	84
Trincomalee	15—18	82	80	80	79	76	75	74	76	74	80	86	87	79
Batticaloa	18—21	88	85	84	84	82	79	79	82	83	87	89	91	84
Galle	19—20	89	87	85	87	89	91	90	91	92	91	91	90	89
Colombo	19—20	77	76	76	79	80	82	81	81	80	81	81	79	79
Hambantota	17—19	82	79	80	82	85	84	81	82	81	83	83	83	82
Akyab	20—22	71	69	72	73	77	86	89	88	85	82	80	75	79
Diamond Island	10—13	72	73	76	76	72	87	88	88	87	84	80	75	80
Rangoon	14—15	66	63	64	67	77	89	90	91	89	85	79	73	79

TABLE XXIII.—*Average monthly mean relative humidity of 84 stations in India, Ceylon, &c.* —concluded.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Mergui . .	13—14	74	76	77	79	83	89	89	89	89	85	80	74	82
Port Blair . .	13—15	76	77	77	78	84	86	85	86	88	86	84	80	82
Quetta . .	11—13	66	65	56	51	42	42	48	46	39	42	48	56	50
Leh . . .	9—10	65	65	57	43	40	38	44	49	41	41	50	60	49
Katmandu . .	8—11	74	65	61	59	68	75	79	80	78	73	71	73	71
Aden . . .	9—11	72	72	72	70	69	58	66	66	67	65	67	70	68

TABLE XXIV.—*Comparison of the monthly mean vapour tension data of 1890, with the averages of Table XXII.*

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	—·012	—·025	—·028	?	?	?	?	?	?	?	?	?	?
Chamba . . .	—·022	—·009	—·043	—·030	—·057	—·005	+·009	—·019	+·015	—·046	—·014	+·029	—·016
Kailang . . .	—·004	+·007	—·009	+·020	—·005	—·009	+·016	+·017	+·008	+·007	+·003	—·002	+·004
Simla	—·017	—·019	—·034	—·021	—·043	—·006	—·005	—·016	—·044	—·019	—·019	+·017	—·019
Peshawar . . .	—·005	—·043	—·057	+·010	—·024	—·023	+·060	+·016	—·076	—·020	+·016	+·041	—·009
Lahore	+·005	—·028	—·014	+·024	—·004	+·099	+·078	+·017	—·062	—·032	+·006	+·071	+·014
Ludhiana . . .	—·004	—·048	—·018	+·012	—·088	+·076	+·026	—·030	—·106	—·029	+·008	+·068	—·011
Mooltan . . .	+·032	+·037	+·040	+·068	+·066	+·107	+·026	—·028	+·014	+·099	+·041	+·054	+·046
Jacobabad . . .	—·026	—·055	—·095	—·044	—·102	+·047	?	?	?	—·093	+·017	+·132	?
Kurrachee . . .	+·068	+·027	+·065	+·089	+·014	+·024	—·006	+·001	—·029	+·064	—·033	+·056	+·028
Jeypore . . .	—·051	—·037	+·030	+·029	—·031	+·019	—·028	—·018	—·010	—·005	+·024	+·054	—·002
Ajmere	—·027	—·025	—·009	—·038	—·044	+·112	+·100	—·013	—·054	—·015	+·068	+·070	+·010
Mount Abu . . .	?	+·003	+·043	+·050	+·044	+·063	+·014	—·010	—·025	—·017	+·005	+·028	?
Chakrata . . .	—·001	—·003	—·016	0	—·025	+·027	+·047	—·002	—·019	+·002	—·011	+·017	+·001
Ranikhet . . .	—·015	—·011	—·043	+·044	—·004	+·019	+·001	—·011	—·036	+·009	+·011	+·008	—·002
Pithoragarh . . .	?	?	—·045	—·021	—·011	+·050	+·004	—·001	—·028	—·001	+·025	+·015	?
Roorkee . . .	—·007	—·043	—·064	—·009	—·007	+·076	+·007	—·029	—·054	+·024	0	+·056	—·004
Meerut	—·013	—·064	—·042	—·063	—·031	+·055	+·025	—·023	—·025	+·013	—·016	+·057	—·011
Agra	—·042	—·040	+·006	—·006	—·040	+·053	+·063	+·036	+·052	+·037	+·019	+ 064	+·017
Lucknow . . .	—·004	—·008	—·039	—·075	—·088	+·021	—·002	—·010	—·045	+·029	+·024	+·051	—·012
Allahabad . . .	—·048	—·088	—·064	—·090	—·059	+·037	—·037	—·039	—·057	—·009	—·029	+·013	—·039
Ghazipur . . .	—·034	—·023	—·038	—·035	—·042	—·017	—·088	—·074	—·085	—·036	—·064	—·005	—·045

TABLE XXIV.—*Comparison of the monthly mean vapour tension data of 1890, with the averages of Table XXII*—continued.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Nowgong . . .	—·036	—·020	+·027	+·018	—·030	+·009	—·008	—·002	—·014	+·008	+·032	+·067	+·004
Sutna	—·053	—·039	+·015	—·010	—·042	+·074	—·002	+·007	+·014	+·015	+·010	+·075	+·005
Darbhanga . . .	+·015	?	?	?	?	?	—·017	—·024	—·022	—·010	—·022	+·011	?
Patna	+·028	—·072	—·068	+·019	+·012	+·006	—·026	—·022	—·018	+·011	—·018	+·021	—·011
Hazaribagh . . .	—·018	—·050	—·011	—·036	—·037	+·036	—·026	—·012	—·030	+·010	0	+·058	—·010
Darjeeling . . .	+·014	+·024	—·047	+·028	+·015	—·004	—·006	—·030	—·027	—·001	—·014	+·032	—·001
Pedong . . .	?	?	?	?	?	?	?	?	—·003	—·007	+·001	+·016	?
Berhampore . . .	+·064	—·008	—·033	+·066	+·003	+·007	0	+·003	+·003	+·011	+·012	+·013	+·012
Burdwan . . .	+·007	—·047	—·055	+·015	—·047	—·026	—·036	—·029	—·023	—·024	—·021	—·002	—·024
Calcutta (Alipore) . .	+·032	+·006	+·043	+·044	+·026	+·017	—·010	—·004	+·010	+·004	—·001	+·033	+·016
Saugor Island . .	—·006	—·023	—·005	—·015	+·001	—·015	—·037	—·027	—·013	—·007	—·023	+·032	—·012
Dacca	+·050	+·009	+·039	+·019	+·004	—·019	—·042	—·036	—·037	—·054	—·062	—·017	—·012
Chittagong . . .	+·045	—·003	+·048	+·017	+·005	+·063	?	—·035	—·020	—·011	?	—·047	?
Dhubri	+·028	+·009	—·089	+·030	+·014	—·025	—·021	—·016	—·030	—·025	—·044	—·013	—·015
Sibsagar . . .	+·041	+·043	—·013	+·035	+·040	+·021	+·007	—·010	—·016	+·009	—·012	+·002	+·012
Silchar	+·044	+·022	+·040	+·017	+·028	+·001	—·024	—·017	—·023	+·009	—·060	—·014	+·002
False Point . . .	—·033	—·005	+·040	+·007	+·010	—·017	—·032	—·015	—·017	+·006	0	+·091	+·003
Cuttack . . .	—·056	—·013	+·048	+·029	+·035	+·008	—·038	—·019	—·017	—·001	—·013	+·060	+·002
Sambalpur . . .	—·071	?	+·047	—·002	—·060	+·003	—·047	—·037	—·033	—·058	—·051	+·025	?
Raipur	—·075	—·053	+·023	—·043	—·082	+·019	—·030	—·015	+·010	—·058	+·011	+·100	—·016
Khandwa . . .	—·099	—·030	?	+·022	+·002	+·070	—·008	—·032	—·019	—·062	+·020	+·100	?
Hoshangabad . .	—·062	—·034	+·028	+·085	+·122	+·091	+·009	—·014	—·006	—·023	+·035	+·101	+·028
Nagpur . . .	—·071	—·048	+·068	+·090	—·046	+·032	—·010	—·004	+·009	—·037	+·049	+·155	+·016
Chanda . . .	—·088	—·003	+·032	+·048	+·002	+·006	—·023	—·034	—·010	—·047	+·029	+·145	+·005
Sironcha . . .	—·059	—·017	+·064	+·034	—·059	+·035	+·004	+·010	+·014	—·012	+·027	+·149	+·016
Chikalda . . .	—·070	—·066	—·009	+·014	—·041	+·048	—·015	—·009	—·005	—·028	+·015	+·089	—·006
Buldana . . .	—·115	—·097	—·021	—·055	—·092	+·014	—·008	—·035	—·027	—·092	—·015	+·072	—·039
Akola	—·068	—·040	+·022	+·017	—·042	+·074	+·024	—·010	+·008	—·056	+·044	+·160	+·011
Deesa	—·030	—·025	+·025	+·001	—·053	—·024	?	—·032	—·048	0	—·003	+·042	?
Bombay . . .	—·006	+·018	—·006	+·007	—·023	—·016	—·036	—·056	—·046	—·038	+·011	+·007	—·015
Poona	—·077	—·034	+·032	+·058	—·020	+·003	—·009	—·015	—·025	—·036	+·042	+·087	+·001
Sholapur . . .	—·063	—·007	+·008	+·063	+·008	+·075	+·031	+·013	+·021	—·003	+·080	+·142	+·031
Ratnagiri . . .	—·102	—·014	—·062	+·001	—·012	—·011	—·027	—·032	—·034	—·020	+·002	+·028	—·024
Karwar . . .	—·051	+·041	—·014	+·010	?	?	?	?	—·005	+·009	+·023	+·051	?

TABLE XXIV.—*Comparison of the monthly mean vapour tension data of 1890, with the averages of Table XXII*—concluded.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Belgaum	—·068	+·003	?	+·076	+·002	+·008	—·015	—·023	—·021	+·010	+·048	+·045	?
Secunderabad	+·004	+·079	+·153	+·142	+·075	+·079	+·017	+·011	+·002	—·023	+·033	+·081	+·054
Vizagapatam	—·026	+·004	+·043	+·012	+·046	+·004	—·015	+·011	—·005	+·026	+·081	+·109	+·024
Bellary	—·054	+·023	+·149	+·145	+·009	—·003	+·019	+·033	+·044	+·056	+·125	+·136	+·057
Madras	+·026	+·054	+·062	+·027	+·058	+·055	+·049	+·027	+·046	+·044	+·052	+·072	+·048
Salem	—·006	+·040	+·092	+·024	—·073	+·026	+·012	+·019	+·061	+·033	+·081	+·109	+·035
Mercara	?	+·013	+·073	+·006	—007	—·026	—·035	—·042	—·028	—·013	+·007	+·017	?
Trichinopoly	—·027	—·024	+·029	—·026	—·059	—021	—·023	—·028	—·010	—·009	+·015	—·002	—·015
Cochin	—·033	—·013	+·016	—·014	—·006	—·006	—·029	—·029	—·024	—·014	—·026	—·018	—·016
Wellington	—·044	—·003	+·040	+·012	—·025	+·004	—·018	+·002	—·009	—·030	—·003	—·030	—·009
Newera Eliya	—·093	—·012	?	?	+·058	?	?	?	?	?	?	?	?
Kandy	—·043	+·027	+·036	—·007	?	—·018	—·017	—·043	—·034	—·031	+·020	—·034	?
Jaffna	—·038	—·031	+·046	—·023	—·025	+·042	+·022	+·009	—·009	—·047	—·008	+·013	—·004
Trincomalee	—·029	+·073	+·061	+·077	—·012	—·010	—·112	+·005	—·001	—·006	+·017	—·015	+·004
Batticaloa	—·096	—·078	—·025	—·035	+·002	+·041	—·067	—·033	—·061	—·066	—·041	—·052	—·043
Galle	+·024	+·040	+·048	+·018	+·035	+·019	+·019	+·005	+·014	+·042	+·002	+·014	+·023
Colombo	—·068	—·028	—·007	—·029	— 012	—·033	—·045	—·073	—·046	—·076	—·029	—·063	—·042
Hambantota	—·003	+·039	+·064	+·022	+·032	+·014	—·012	—·037	+·015	+·029	+·004	—·001	+·014
Akyab	+·027	—·013	+·038	—·002	—·004	+·004	—·036	—·014	—·007	—·009	—·045	—·086	—·012
Diamond Island	+·042	+·028	—·002	—·031	?	—·028	—·038	—·028	—·027	—·040	—·041	—·053	?
Rangoon	+·066	+·077	+·019	—·018	+·005	—·010	—·033	—·032	—·010	—·039	—·022	—·056	—·004
Mergui	—·027	—·027	—·006	+·010	—·046	—·036	— 042	—·028	—·048	—·084	—·068	+·026	—·031
Port Blair	+·003	+·034	—·004	—·008	—·034	—·021	—·041	—·026	—·021	—·029	—·082	—·047	—·023
Quetta	—·033	—·038	—·060	+·009	—·096	—·080	—·067	—·097	—·092	—·090	+·013	+·031	—·050
Leh	+·019	+·022	+·007	—·005	—·002	—·022	+·028	+·019	—·018	+·004	+·017	+·009	+·007
Katmandu	+ 037	+·017	—·081	?	?	?	?	+·001	—·010	+·008	+·029	+·030	?
Aden	+·012	+·039	+·078	+·024	—·039	+·004	—·027	—·030	+·052	+·024	—·022	+·017	+·011

TABLE XXV.—*Comparison of the monthly mean relative humidity data of 1890, with the averages of Table XXIII.*

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	—13	—18	— 2	?	?	?	?	?	?	?	?	?	?
Chamba	—16	—11	— 4	— 6	—11	— 3	+ 1	0	+ 1	+ 2	+ 5	+18	— 2

TABLE XXV.—*Comparison of the monthly mean relative humidity data of 1890, with the averages of Table XXIII*—continued.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Kailang	−10	− 1	+ 2	+ 8	− 3	− 3	+ 3	+ 3	+ 3	0	+ 3	+ 2	+ 1
Simla	−13	−13	− 4	− 2	− 10	0	+ 3	+ 2	− 4	− 1	− 7	+ 8	− 3
Peshawar	− 7	−16	− 7	− 1	− 2	− 3	+ 5	+ 8	− 7	− 1	+ 4	+13	− 1
Lahore	0	− 6	+ 6	+ 5	0	+12	+15	+14	+ 1	+ 4	+10	+24	+ 7
Ludhiana	− 6	−13	− 1	− 2	−12	+ 6	+ 5	+ 2	− 8	0	+ 4	+14	− 1
Mooltan	− 3	− 3	+ 2	0	− 1	+ 1	− 1	+ 1	− 2	+ 3	+ 5	+14	+ 1
Jacobabad	−11	−14	−13	− 9	−11	− 2	− 3	?	?	− 7	+ 6	+32	?
Kurrachee	+ 5	− 1	+ 6	+ 7	+ 4	0	0	+ 5	0	+ 6	− 7	+15	+ 3
Jeypore	−13	−10	+ 3	0	− 5	+ 2	− 1	− 2	− 3	− 1	0	+ 9	− 2
Ajmere	− 8	− 8	− 7	− 5	− 5	+ 7	+10	− 1	−10	− 6	+ 5	+12	− 1
Mount Abu	?	− 4	+ 7	+ 4	+ 4	+ 8	+ 7	+ 4	− 2	− 2	0	+ 8	?
Chakrata	−12	−15	− 2	− 4	− 8	+ 3	+ 2	+ 1	0	+ 1	− 6	+ 4	− 3
Ranikhet	−10	− 8	− 4	+ 4	− 4	+ 9	+ 2	+ 1	− 4	+ 1	0	+ 1	− 1
Pithoragarh	?	?	− 6	− 4	− 5	+ 9	+ 3	+ 1	− 1	+ 1	+ 3	+ 4	?
Roorkee	− 4	−14	− 8	− 3	− 2	+ 6	+ 2	0	− 2	+ 2	+ 2	+10	− 1
Meerut	− 5	−12	− 2	− 5	− 3	+ 9	+ 8	+ 2	+ 1	+ 3	0	+ 9	0
Agra	−11	−11	0	− 2	− 7	+ 6	+10	+ 6	+ 5	+ 3	+ 4	+ 7	+ 1
Lucknow	− 3	− 5	− 3	− 5	− 8	+ 8	+ 7	0	− 1	+ 3	+ 5	+ 6	0
Allahabad	−10	−13	− 4	− 5	− 4	+ 9	+ 4	+ 1	− 2	+ 1	0	− 1	− 2
Ghazipur	−11	− 8	− 5	− 7	− 7	+ 1	− 4	− 5	− 7	− 3	− 9	− 4	− 6
Nowgong	− 5	− 4	+ 3	+ 2	− 7	+ 4	+ 6	+ 3	+ 1	+ 3	+ 6	+ 6	+ 2
Sutna	− 8	− 8	+ 1	0	− 4	+11	+ 6	+ 3	+ 6	+ 4	+ 3	+ 7	+ 2
Darbhanga	− 3	?	?	?	?	?	+ 4	+ 3	− 1	+ 2	0	0	?
Patna	− 1	−14	− 8	0	+ 2	+ 4	+ 3	+ 2	− 1	+ 3	0	+ 2	− 1
Hazaribagh	− 7	−13	0	− 5	− 2	+ 4	+ 1	+ 1	− 2	+ 2	− 1	+ 3	− 2
Darjeeling	+ 6	+ 1	−13	+ 5	+ 3	+ 1	+ 2	+ 1	− 2	+ 4	− 6	+14	+ 1
Pedong	?	?	?	?	?	?	?	?	− 2	− 2	0	+ 5	?
Berhampore	+ 3	− 9	− 6	0	− 3	− 1	+ 2	0	− 1	+ 2	0	− 1	− 1
Burdwan	0	− 6	− 5	+ 1	− 5	+ 1	− 1	− 2	− 1	+ 1	0	0	− 1
Calcutta (Alipore)	+ 3	− 1	0	0	− 2	+ 1	− 1	− 1	0	+ 1	+ 3	+ 2	0
Saugor Island	− 2	− 2	− 3	− 4	− 3	− 1	0	− 2	− 1	+ 1	− 1	0	− 2
Dacca	+ 4	− 2	+ 1	+ 3	+ 2	0	+ 2	+ 1	− 4	− 2	− 3	− 1	0
Chittagong	+ 3	− 3	+ 2	+ 1	− 2	− 3	?	0	− 8	0	?	− 7	?
Dhubri	+ 2	− 3	−11	+ 6	0	+ 2	+ 3	+ 2	0	+ 1	+ 2	0	0

TABLE XXV.—*Comparison of the monthly mean relative humidity data of 1890, with the averages of Table XXIII*—continued.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sibsagar	+3	+1	0	−6	−2	+4	+2	+2	−1	+1	+2	+4	+1
Silchar	0	−4	+4	+2	−2	+1	0	+1	−2	+1	−5	+1	0
False Point	−7	−3	−3	−6	−3	−2	−1	−1	−1	+1	+2	+1	−2
Cuttack	−7	−5	+1	−2	−3	+1	−2	−2	−2	−1	−1	−2	−2
Sambalpur	−7	?	+4	+3	−6	+2	+2	0	−2	−4	−7	−8	?
Raipur	−11	−10	0	−4	−9	+4	+2	+1	+3	−5	+1	+6	−2
Khandwa	−15	−8	?	0	−2	+6	0	−2	−5	−8	0	+6	?
Hoshangabad	−7	−8	+2	+5	+4	+10	+4	+1	+1	−1	+2	+7	+2
Nagpur	−10	−9	+4	+5	−6	+3	+3	+1	+3	−4	+6	+15	+1
Chanda	−5	−1	+1	+2	−4	+3	+3	−3	0	−5	+2	+8	0
Sironcha	−4	−2	+5	+3	−7	+6	+4	+3	+3	−2	+3	+7	+2
Chikalda	−15	−13	+1	+1	−7	+7	−1	+1	+3	−5	0	+9	−2
Buldana	−19	−15	−3	−6	−10	+5	+2	−3	−3	−12	−3	+6	−5
Akola	−13	−9	−1	−1	−6	+8	+5	−1	−1	−10	0	+12	−1
Deesa	−7	−6	+3	−2	−4	−4	?	+2	−5	−2	−2	+6	?
Bombay	−4	−2	−2	0	0	+3	−1	−3	−4	−2	+1	0	−1
Poona	−10	−7	+3	+5	−3	+3	+1	+5	+1	−2	+8	+11	+1
Sholapur	−9	−5	−1	+3	−4	+8	+5	+3	+4	−3	+12	+14	+2
Ratnagiri	−12	−5	−6	−1	0	+4	+1	+2	0	0	+5	+6	−1
Karwar	−7	−2	−3	−2	?	?	?	?	−2	−1	−1	+2	?
Belgaum	−9	−3	?	+8	−1	+6	+4	+3	+1	+4	+8	+6	?
Secunderabad	−1	+4	+10	+10	+6	+12	+5	+4	+2	−5	+4	+5	+5
Vizagapatam	−1	+2	+1	0	+1	+2	+1	+1	0	+	+11	+6	+2
Bellary	−7	+1	+10	+12	+3	+2	+2	+5	+7	+5	+16	+14	+6
Madras	+5	+7	+3	+3	+3	+8	+7	+6	+5	+2	+4	+4	+5
Salem	−2	+1	+5	+1	−8	+2	+4	+3	+6	0	+1	−1	+1
Mercara	?	−1	+11	+6	+1	−1	−5	−3	−4	−1	0	+3	?
Trichinopoly	−5	−4	−4	−4	−7	−2	0	−1	−1	−1	+1	−5	−3
Cochin	−4	−3	−1	+2	−2	−1	−2	−2	0	−1	−5	−3	−2
Wellington	−13	−3	+4	+1	−6	+1	−2	+3	−2	−5	−2	−7	−3
Newera Eliya	−15	+4	?	?	+8	?	?	?	?	?	?	?	?
Kandy	−4	+3	+3	+4	?	−2	−3	−2	0	+1	+3	−3	?
Jaffna	−1	−3	−1	−5	−4	+2	−1	+3	−5	−3	−9	−15	−4
Trincomalee	−3	+7	−1	+3	−6	−2	−7	−1	−1	+1	0	−4	−1

TABLE XXV.—*Comparison of the monthly mean relative humidity data of 1890, with the averages of Table XXIII*—concluded.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Batticaloa	— 6	— 1	— 6	3	— 3	+ 3	— 5	— 3	— 3	— 6	— 3	— 6	— 4
Galle	+ 2	+ 4	+ 3	+ 3	+ 1	+ 1	+ 2	+ 1	+ 1	+ 1	0	0	+ 2
Colombo	— 6	— 2	0	0	— 1	— 4	— 4	— 6	— 3	— 1	— 1	— 6	— 3
Hambantota	+ 2	+ 5	+ 6	+ 6	+ 3	— 5	+ 1	— 5	+ 5	+ 5	0	+ 5	+ 2
Akyab	— 4	— 7	— 3	— 5	— 2	— 1	— 2	— 3	— 4	— 6	— 4	— 9	— 4
Diamond Island	+ 3	+ 1	0	— 1	?	0	+ 1	— 1	+ 1	0	— 3	— 4	?
Rangoon	+ 4	+ 4	+ 1	— 2	+ 5	0	+ 1	— 1	— 2	0	— 1	— 2	+ 1
Mergui	— 1	— 1	0	+ 1	+ 3	— 3	— 1	— 2	0	— 5	— 7	+ 2	— 1
Port Blair	— 1	+ 2	— 2	0	0	— 1	— 4	— 3	— 1	— 2	— 4	— 5	— 2
Quetta	—16	—16	—11	+ 1	— 8	— 7	— 4	— 8	— 8	—12	+ 7	+21	— 5
Leh	+ 1	+ 4	+ 4	— 4	0	— 5	+ 3	+ 3	— 5	0	+ 7	+10	+ 2
Katmandu	+ 1	— 2	—10	?	?	?	?	+ 1	— 1	+ 2	+ 4	+ 4	?
Aden	+ 2	+ 3	+ 7	+ 2	0	+10	+ 2	+ 3	+ 4	+ 1	— 4	0	+ 3

TABLE XXVI.—*Geographical Summary of the data of Table XXIV.*

METEOROLOGICAL DISTRICT.	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West Himalaya.	7—8	—·007	—·005	—·026	—·002	—·021	+·008	+·014	—·002	—·017	—·006	+·002	+·013	—·004
Sikkim Himalaya and Nepal.	1—3	+·026	+·021	—·064	+·028	+·015	—·004	—·006	—·015	—·013	0	+·005	+·026	+·002
Punjab Plains	4	+·007	—·021	—·010	+·029	—·013	+·065	+·048	—·006	—·058	+·005	+·018	+·059	+·010
Gangetic Plains	7—8	—·013	—·048	—·044	—·037	—·036	+·033	—·009	—·023	—·032	+·007	—·013	+·033	—·015
Western Rajputana and Sind.	2—4	+·004	—·013	+·010	+·024	—·024	+ 028	+·004	—·014	—·034	—·012	—·004	+·065	+·003
Eastern Rajputana and Central India.	4	—·042	—·030	+·016	0	—·037	+·054	+·016	—·007	—·016	+·001	+·034	+·067	+·005
Nerbudda Valley	1—2	—·081	—·032	+·028	+·054	+·062	+·081	+·001	—·023	—·013	—·043	+·028	+·101	+·014
Chota Nagpur	1	—·018	—·050	—·011	—·036	—·037	+·036	—·026	—·012	—·030	+·010	0	+·058	—·010
Lower Bengal	5	+·029	—·013	—·002	+·026	—·003	—·007	—·025	—·019	—·012	—·014	—·019	+·012	—·004
Assam and Cachar	3	+·038	+·025	—·021	+·027	+·027	—·001	—·013	—·014	—·023	—·002	—·039	—·008	0
Orissa and Sambalpur.	2—3	—·053	—·009	+·045	+·017	—·003	—·002	—·039	—·024	—·022	—·018	—·021	+·059	—·006
Central Provinces South, and Berar.	7	—·078	—·046	+·026	+·015	—·051	+·033	—·008	—·014	0	—·047	+·023	+·124	—·002
Konkan	2—3	—·053	+·015	—·027	+·006	—·018	—·014	—·032	—·044	—·028	—·016	+·012	+·029	—·014
Malabar Coast	1	—·033	—·013	+·016	—·014	—·006	—·006	—·029	—·029	—·024	—·014	—·026	—·018	—·016
Deccan, Hyderabad and Mysore.	5—6	—·052	+·013	+·083	+·082	+·011	+·023	+·001	—·004	—·001	—·002	+·057	+·085	+·025

TABLE XXVI.—*Geographical Summary of the data of Table XXIV*—concluded.

Meteorological District.	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
East Coast and Carnatic.	4	—·008	+·019	+·057	+·009	—·007	+·016	+·006	+·007	+·023	+·025	+·057	+·072	+·023
Ceylon . . .	7—8	—·043	+·004	+·032	+·003	+·011	+·008	—·030	—·024	—·017	—·022	—·005	—·020	—·009
Arakan and Pegu .	3—4	+·045	+·022	+·026	—·009	+·002	+·007	—·033	—·027	—·016	—·025	—·036	—·061	—·009
Tenasserim . .	1	—·027	—·027	—·006	+·010	—·046	—·036	—·042	—·028	—·048	—·084	—·068	+·026	—·031
Bay Islands . .	1	+·003	+·034	—·004	—·008	—·034	—·021	—·041	—·026	—·021	—·029	—·082	—·047	—·023
Extra-Tropical India	...	—·006	—·017	—·012	+·011	—·007	+·029	0	—·014	—·025	—·007	—·001	+·044	0
Tropical India .	...	—·030	+·001	+·025	+·011	—·014	+·001	—·025	—·021	—·015	—·023	—·009	+·025	—·006
Whole of India .	...	—·018	—·008	+·007	+·011	—·011	+·015	—·013	—·018	—·020	—·015	—·005	+·035	—·003

TABLE XXVII.—*Geographical Summary of the data of Table XXV.*

Meteorological District.	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West Himalaya.	7—8	—10	— 9	— 2	— 1	— 6	+ 1	+ 2	+ 2	+ 1	+ 1	+ 1	+ 7	— 1
Sikkim Himalaya and Nepal.	2—3	+ 4	— 1	—12	+ 5	+ 3	+ 1	+ 2	+ 1	— 2	+ 1	— 1	+ 8	+ 1
Punjab Plains .	4	— 4	—10	0	+ 1	— 4	+ 4	+ 6	+ 6	— 4	+ 2	+ 6	+16	+ 2
Gangetic Plains .	7—8	— 6	—11	— 4	— 4	— 4	+ 6	+ 4	+ 1	— 1	+ 2	0	+ 4	— 1
Western Rajputana and Sind.	3—4	— 4	— 6	+ 1	0	— 2	+ 1	+ 1	+ 4	— 2	— 1	— 1	+15	+ 1
Eastern Rajputana and Central India.	4	— 9	— 8	0	— 1	— 5	+ 6	+ 5	+ 1	— 2	0	+ 4	+ 9	0
Nerbudda Valley .	1-2	—11	— 8	+ 2	+ 3	+ 1	+ 8	+ 2	— 1	— 2	— 5	+ 1	+ 7	0
Chota Nagpur .	1	— 7	—13	0	— 5	— 2	+ 4	+ 1	+ 1	— 2	+ 2	— 1	+ 3	— 2
Lower Bengal .	5	+ 2	— 4	— 3	0	— 2	0	0	— 1	— 1	+ 1	0	0	— 1
Assam and Cachar .	3	+ 2	— 2	— 2	+ 1	— 1	+ 2	+ 2	+ 2	— 1	+ 1	0	+ 2	+ 1
Orissa and Sambalpur.	2—3	— 7	— 4	+ 1	— 2	— 4	0	0	— 1	— 2	— 1	— 2	— 3	— 2
Central Provinces South, and Berar.	7	—11	— 8	+ 1	0	— 7	+ 5	+ 3	0	+ 1	— 6	+ 1	+ 9	— 1
Konkan . .	2—3	— 8	— 3	— 4	— 1	0	+ 4	0	— 1	— 2	— 1	— 2	+ 3	— 1
Malabar Coast .	1	— 4	— 3	— 1	+ 2	— 2	— 1	— 2	— 2	0	— 1	— 5	— 3	— 2
Deccan, Hyderabad and Mysore.	5—6	— 7	— 2	+ 7	+ 7	0	+ 5	+ 2	+ 3	+ 2	0	+ 8	+ 9	+ 3
East Coast and Carnatic.	4	— 1	+ 2	+ 1	0	— 3	+ 3	+ 3	+ 2	+ 3	+ 1	+ 4	+ 1	+ 1
Ceylon . .	7—8	— 4	+ 2	+ 1	+ 1	0	— 1	— 2	— 2	— 1	0	— 1	— 4	— 1
Arakan and Pegu .	3—4	+ 2	— 1	0	— 2	0	— 1	0	— 1	—3	— 2	— 3	— 6	— 1
Tenasserim . .	1	— 1	— 1	0	+ 1	+ 3	— 3	— 1	— 2	0	— 5	— 7	+ 2	— 1
Bay Islands . .	1	— 1	+ 2	— 2	0	0	— 1	— 4	— 3	— 1	— 2	— 4	— 5	— 2

TABLE XXVII.—*Geographical Summary of the data of Table XXV*—concluded.

METEOROLOGICAL DISTRICT.	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Extra-Tropical India	..	—4	—7	—2	0	—2	+3	+3	+2	—2	0	+1	+7	0
Tropical India .	...	—4	—2	0	+1	—1	+1	0	—1	0	—2	—1	0	—1
Whole of India .	...	—4	—4	—1	0	—2	+2	+1	0	—1	—1	0	+4	—1

January.—The air was drier than usual over the whole of India except Lower Bengal, Assam and Lower Burma, where the average humidity percentage was 2 in excess. In the North-Western Provinces and Rajputana there was on the average not only less vapour than usual in the air, but the temperature was considerably above the normal, and hence the humidity was largely below the normal. In the remaining provinces the amount of aqueous vapour present in the air was more or less in defect but the mean temperature was generally normal or slightly below the normal. The deficiency in the average amount of vapour was greatest in the Central Provinces, where the aqueous vapour pressure of the month was ·078″, or upwards of 20 per cent. below the normal, in Orissa and the Konkan, where it was ·053″ in defect, and in the Deccan, where it was ·052″ or 15 per cent. in defect. The humidity was 10 or upwards in defect in the North-West Himalayas, Berar and the Central Provinces. The deficiency exceeded 14 at Chamba (—16), Quetta (—16), Buldana (—19), Chikalda, Khandwa and Newera Eliya (—15). The deficiency was moderately large in East Rajputana and Central India (—9), the Konkan (—8), and Orissa, Chota Nagpur and the Deccan (—7). The abnormal dryness was in part a result of the early retreat of the Bombay south-west monsoon currents from North-Western and Western India in the month of September 1889 and in part of the absence of cold-weather storms.

February was characterized by absence of disturbed weather and of rainfall over the whole of Northern and Central India. Hence the air was even drier than in the previous month, more especially in the Punjab, the North-Western Provinces, Behar and Chota Nagpur. The air contained somewhat less vapour than usual, but the deficiency was not large in amount, and the great dryness of the air in Northern India was mainly due to increased temperature. The mean aqueous vapour pressure of the month was ·050″ below the normal in Chota Nagpur, ·048″ in defect in the North-West Provinces, and ·046″ in defect in the Central Provinces and Berar. The humidity percentage was 13 in defect in Chota Nagpur, 11 in Behar and the North-West Provinces, and 10 in the Punjab. The deficiency was absolutely greatest at Murree (—18), Quetta and Peshawar (—16), Chakrata and Buldana (—15), and Patna, Roorkee and Jacobabad (—14). The humidity variations were small and of little importance in the Deccan and Southern India, Bengal, Assam and Burma.

The mean humidity of the month was 7 in defect in Extra-tropical India and 2 in Tropical India.

March was slightly more unsettled than usual, and frequent thunder-storms and showers were received, more especially in the Deccan. The humidity variations were hence somewhat irregular in Northern India. On the whole, the air was slightly drier than usual, although there were numerous local exceptions. It was almost as dry as in the previous two months at Quetta, where the mean humidity was 11 in defect and at Jacobabad, where it was 13 in defect. It was also much drier than usual at Darjeeling and Dhubri, at each of which stations the humidity was upwards of 10 in defect. In the Deccan the aqueous vapour pressure was ·083″ above the normal and in the Carnatic ·057″ in excess. The mean humidity of the month was largely above the normal in the Deccan at Secunderabad and Bellary (10 in excess). It was somewhat drier in the West Coast districts, more especially at Ratnagiri, where the mean humidity of the month was 6 in defect, and Karwar, where it was 3 in defect.

April was, like March, somewhat unsettled, and the greater part of Northern and Central India received more frequent thunder showers than usual. The amount of vapour present in the air was in slight defect in Malabar, the North-Western Provinces, Behar and Chota Nagpur, and was either normal or in slight excess in other districts. The excess was greatest in the Deccan, where it was on the average ·082″, or 18 per cent. above the normal. The mean humidity was on the average 7 in excess in the Deccan and ranged from 12 in excess at Bellary to 3 at Sholapur. The mean humidity of Extra-tropical India was identical with the normal and of Tropical India 1 in excess.

May was somewhat drier than usual over nearly the whole of India. In Southern India the south-west monsoon current was delayed until the end of the month. Hence both the aqueous vapour pressure and humidity were in slight to moderate defect over by far the greater part of India. The deficiency in the humidity was greatest in the Central Provinces for which it averaged 7, the North-West Himalayas, where it averaged 6, and Rajputana, the Punjab, North-Western Provinces and Behar, in which it averaged 4. The humidity variations exceeded 10 locally at Chamba (—11), Ludhiana (—12) Jacobabad (—11), and perhaps at Murree. The deficiency in the mean humidity averaged 2 in Extra-tropical India and 1 in Tropical India.

June.—The monsoon currents advanced across the Bombay and Bengal coasts early in this month, and extended over the interior of the country more rapidly than usual. The air was hence even damper than usual in June over nearly the whole of India. The average humidity of Extra-tropical India for the month was 3 in excess and of Tropical India 1 in excess. The excess was greatest in the interior districts and averaged 6 in the North-Western Provinces, Behar, East Rajputana and Central India, 5 in the Central Provinces, the Deccan, Hyderabad and Mysore, and 4 in Chota Nagpur, the Punjab and Konkan. The increased humidity was chiefly due to excess in the amount of aqueous vapour. Thus, in the Punjab, the mean aqueous vapour pressure was ·065″ above the normal of the month, and in Eastern Rajputana and Central India it was ·054″ in excess. The excess was absolutely greatest at Ajmere (+·112″), Mooltan (+·107″) and Lahore (+·099″). The excess was hence greatest in the districts of the Punjab and Rajputana furthest removed from the sea, and was confined to the lower atmospheric strata, as there was a slight deficiency at the Punjab hill stations and a moderately large deficiency at Quetta (21 per cent.) and Leh (13 per cent.). There was, on the other hand, a slight deficiency in the amount of moisture in Burma and Malabar, probably in consequence chiefly of increased indraught to Northern India. The deficiency was, however, small in amount.

July.—Strong monsoon winds prevailed throughout the month in the Indian area, and the rainfall was even more abundant than usual in Northern and Central India. The amount of moisture in the atmosphere varied little from the normal except in the Punjab, where there was a moderate excess, and in Burma and the coast districts of Malabar and the Konkan, where there was slight deficiency averaging ·030″, or about 4 per cent. only of the normal amount. As temperature was generally below the normal, the humidity was above the average at the great majority of the observing stations in India. The excess was greatest in the Punjab, where it averaged (+6), East Rajputana and Central India (+5), the North-Western Provinces and Behar (+4), and the Carnatic and the Central Provinces (+ 3). The excess was locally very large at Lahore (+ 15), Ajmere (+ 10), and Agra (+ 10). The humidity of the month was in defect to a small extent in Ceylon and Tenasserim and the Bay Islands, and was normal in Arakan and Lower Burma.

August.—The meteorological conditions in August were similar to those of July. The monsoon currents were slightly above their normal strength and gave rainfall over by far the greater part of India in excess of the normal amount. The amount of vapour in the air was very slightly below the normal of the month in all districts. The deficiency averaged ·014″ in Extra-tropical India, or about 2 per cent. of the normal amount (·852″), and ·021″ in Tropical India. Temperature was below the normal in North-Western India and the Deccan, and hence humidity was above the average by moderate amounts in these districts. The excess was greatest in the Punjab, where it averaged +6. It was + 4 in West Rajputana and Sind, and + 3 in the Deccan and Mysore. There was a very large and exceptional local excess (+14) at Lahore. The variations were small and unimportant in all other districts except Ceylon and Beluchistan, in each of which areas the humidity was considerably below the normal. The mean variation of the month at Quetta was —8 and in Ceylon it averaged —3.

September.—A general break in the rains obtained during the first ten days of the month, but moderate and fairly general rain was received in all districts except Upper India during the remainder of the month. The rain ceased in Upper India about the 1st, on which date the humid monsoon south-west currents withdrew from the Punjab and Rajputana. The amount of aqueous vapour present in the air was less than the normal in all districts except the Carnatic and East Coast, where it was practically normal. The deficiency was greatest in the Punjab, in which it was ·058″ in defect, or 8 per cent. of the normal amount, and averaged ·025″ for Extra-tropical India. The amount was normal in the Central Provinces, Berar and the Deccan. As temperature was generally slightly above the average in Northern India, humidity was in defect generally by small amounts. The deficiency was greatest in the Punjab, where it averaged —4. There was a slight excess in the Madras coast districts and the Carnatic averaging +3, and in the Deccan and Mysore averaging +2.

October.—The Arabian Sea current withdrew in the first week of the month, earlier than usual, from Western India and the Central Provinces, and hence the humidity was in general defect in those areas. The deficiency was small in the coast districts, but was large in the Central Provinces and Berar where it averaged —6. It was greatest in amount at Buldana (—12) and Akola (—10) in Berar. The decreased humidity in that area was chiefly due to a deficiency in the amount of aqueous vapour in the air. The deficiency as measured by the pressure averaged —·047″ in the Central Provinces and Berar. It was even more largely in defect at Mergui in Tenasserim, where (if the humidity observations were, as appears to be probable, correct) it was —·084″. The humidity variations were small in amount in all the remaining districts except those represented by Quetta, where the mean humidity of the month was 12 below the normal, and Jacobabad, where it was 7 below.

November.—The humidity conditions were very abnormal during the last two months of the year. The amount of aqueous vapour present in the air was in moderate defect in Burma. It was considerably in excess in the Deccan, Madras and Mysore, and in slight excess in Upper India (*i.e.*, the Punjab and Rajputana). It was slightly in defect in the North-Western Provinces, Behar and Bengal, and in moderate defect in Assam and Orissa. It was considerably below the normal in Tennasserim and the Bay Islands. The mean humidity of the month was hence considerably above the normal in the Deccan (+8), the Punjab (+6), East Rajputana and Central India (+4), and the Carnatic and East Coast (+4). The following gives the largest local variations:—

STATION.	Variation of mean aqueous vapour pressure of the month from the normal.	Variation of mean humidity of the month from the normal.
		%
Bellary	+·125″	+16
Sholapur	+·080″	+12
Vizagapatam	+·081″	+11
Lahore	+·006″	+10
Leh	+·017″	+ 7
Quetta	+·013″	+ 7

The increased humidity in the Deccan was due to heavier rain than usual. The figures for Leh and Quetta are very significant, as they appear to indicate the presence of a larger amount of vapour than usual in the middle strata of the atmosphere in the areas immediately to the north and west of Upper India. The variations of the mean humidity of the month in Burma and Southern India were small and of little importance except in Tenasserim at Mergui, where it was 7 below the normal, the Bay Islands at Port Blair (4 below), and in Malabar at Cochin (5 below).

December.—The humidity conditions of the month were very abnormal. The amount of aqueous vapour was very largely in excess over the whole of North-Western India, the Central Provinces and the Deccan, and hence both the aqueous vapour pressure and humidity were very considerably above the normal. The following table gives average data for those areas:—

PROVINCE.	AQUEOUS VAPOUR PRESSURE.			HUMIDITY.		
	Mean aqueous vapour pressure of the month.	Normal aqueous vapour pressure of the month.	Variation.	Mean humidity of the month.	Normal humidity of the month.	Variation.
	Inch.	Inch.		%	%	
Punjab	·327	·268	+·059″	75	59	+16
Rajputana and Central India	·339	·272	+·067″	63	51	+12
Chota Nagpur and Orissa	·474	·404	+·070″	68	64	+ 4
Central Provinces and Berar	·478	·354	+·124″	65	56	+ 9
Deccan	·490	·405	+·085″	62	53	+ 9
Carnatic	·696	·624	+·072″	73	72	+ 1

Hence the increase in the amount of aqueous vapour was greatest in the Central Provinces, Berar and the Deccan, and the humidity was on the other hand most largely in excess in the Punjab, Rajputana, Central India and Sind. The following gives the more remarkable local variations :—

METEOROLOGICAL DISTRICT.	REPRESENTATIVE STATION.	Variation of the mean aqueous vapour pressure of the month from the normal.	Variation of the mean humidity of the month from the normal. %
Beluchistan	Quetta	+·031″	+21
Ladakh	Leh	+·009″	+10
Punjab	Lahore	+·071″	+24
	Chamba	+·029″	+18
Sind	Jacobabad . . .	+·132″	+32
Rajputana	Ajmere	+·070″	+12
Central Provinces . . .	Nagpur	+·155″	+15
Berar	Akola	+·160″	+12
Deccan	Sholapur	+·142″	+14
	Bellary	+·136″	+14

The increased humidity in North-Western India was in part due to the low temperature of the month. In the Central Provinces temperature was on the other hand above the normal.

Humidity was in slight to moderate excess in the North-Western Provinces, and was below the normal in Burma, Ceylon and Malabar. The deficiency was greatest in Arakan and Pegu, where it averaged 6. It was 5 at Port Blair, 4 in Ceylon and 3 in Malabar.

The mean humidity of the month of Extra-tropical India was 7 above the normal and the mean aqueous vapour pressure +·044″ above it.

Year.—January and February were drier months than usual, more especially in North-Western and Central India. The increased dryness of the air was most marked in January in the Central Provinces and Berar, and in February in the Punjab, North-Western Provinces, Behar and Chota Nagpur. The humidity conditions of March and April were practically normal. May was drier than usual over nearly the whole of India. The three months of the rains, *viz.*, June, July and August, were characterised by increased humidity in all districts except Ceylon, Burma, the Bay Islands and Malabar. The increased humidity during this period was most marked in the interior districts furthest from the sea, *viz.*, the Punjab, Rajputana and the North-Western Provinces. September was slightly drier than usual over the greater part of India. The humidity variations for the month of October were small and irregular except in Burma and the Bay Islands, where humidity was below the normal to a moderate extent. The last two months of the year were characterised by a large excess in the amount of aqueous vapour present in the air, and by abnormally high humidity in North-Western India, the Deccan, Carnatic and East Coast.

CLOUD PROPORTION.

The proportion of cloud is estimated in tenths of the sky expanse, an overcast sky being denoted by 10, and a cloudless sky by 0. From the nature of the observations it follows that the estimated amounts at different stations are affected, to some extent, by the personal equation of the observer; and some of the differences to be observed in the tables are mainly attributable to this cause. On the whole, the observations are fairly accordant, and the average results of a number of stations, similarly situated, indicate with approximate exactness the variations of cloudiness in different months, or in different parts of the country.

Table XI (Appendix A) gives the monthly means of the observations of stations for each of the two hours of observation (excepting the Ceylon stations, for which the data are not available), and also of the daily averages of these observations.

The cloud observations, the means of which are given in the first Appendix, are taken at 10 hours and 16 hours. Additional cloud observations are recorded at the first class observatories of Calcutta, Allahabad, Bombay, Jeypore and Lahore. These are either given in the second Appendix of the Annual Report or are utilized in special investigations. The figures in the columns of means in the tables of cloud amount in the first Appendix are the arithmetical means of the cloud amounts as estimated at the two hours of observation, without any correction, and have been calculated in the same manner as in previous years.

Table XXVIII below gives the averages similarly obtained from the observations of several years at 88 stations, being in no case taken from less than 4 years' observations. Tables XXIX and XXX show the differences for the year 1890, in excess or defect of these averages, first at the individual stations, and second, as summarized for the geographical divisions adopted in previous sections of this report:—

TABLE XXVIII.—*Average proportion of clouded sky in each month deduced from the registers of past years.*

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . .	19	5·9	5·5	6·0	5·4	4·3	3·8	6·4	6·5	3·3	2·1	2·9	4·7	4·7
Chamba . .	6—7	6·0	5·5	5·6	6·5	4·5	4·3	6·9	7·0	3·1	1·8	2·2	4·4	4·8
Kailang . .	7—8	6·7	6·3	6·3	6·0	6·2	5·6	6·4	6·4	4·4	3·4	3·6	5·5	5·6
Simla . . .	10—11	5·4	5·3	4·9	4·2	3·9	5·9	8·9	8·7	5·4	1·4	1·9	3·6	5·0
Peshawar . .	14—15	4·7	4·3	4·9	4·6	2·9	2·0	2·7	2·8	1·6	1·4	2·0	3·5	3·1
Lahore . .	19	3·3	3·5	3·2	2·6	2·3	3·2	4·4	3·7	1·4	0·7	1·2	2·2	2·6
Ludhiana . .	19	4·1	4·0	4·0	3·0	2·2	3·1	6·1	5·6	2·8	0·9	1·6	3·0	3·4
Mooltan . .	19	2·8	2·7	2·5	1·7	1·1	0·9	2·2	2·2	0·9	0·3	0·8	2·0	1·7
Jacobabad . .	12—14	2·9	3·4	3·1	2·7	1·2	0·8	2·3	2·3	0·6	0·4	1·1	2·0	1·9
Kurrachee . .	15—16	2·6	3·0	2·9	2·0	2·0	4·3	7·2	6·8	3·9	0·9	1·1	1·8	3·2

TABLE XXVIII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Jeypore . .	10	3·2	2·8	2·9	2·2	2·0	4·3	7·5	7·2	3·5	1·8	1·0	1·9	3·4
Ajmere . .	19—20	2·3	2·3	2·4	2·0	1·6	3·4	6·2	6·2	3·2	1·1	0·9	1·4	2·8
Mount Abu . .	11—14	2·6	2·8	2·6	2·2	1·6	5·3	8·8	8·6	5·4	2·1	1·3	1·8	3·8
Chakrata . .	19—20	4·7	4·8	4·0	3·6	3·7	5·1	8·8	8·8	6·4	1·7	1·6	3·2	4·7
Ranikhet . .	19—20	4·0	4·4	3·8	3·2	3·6	5·4	8·7	8·6	5·9	1·6	1·3	2·5	4·4
Pithoragarh . .	9—10	4·4	4·2	3·8	3·3	4·2	5·8	7·8	8·0	5·7	2·1	1·7	2·3	4·4
Dehra . . .	19—20	4·1	4·1	3·5	2·8	2·8	4·2	7·8	7·5	4·7	1·1	1·2	2·4	3·9
Roorkee . .	19—20	3·4	3·3	2·5	2·1	1·8	3·1	6·5	6·2	3·8	0·8	0·9	2·1	3·0
Meerut . .	18—20	3·2	2·8	2·6	2·0	1·8	3·2	6·8	6·4	3·7	0·7	0·7	1·7	3·0
Agra . . .	19—20	2·4	2·4	2·1	1·4	1·2	3·5	6·6	6·4	3·7	0·9	0·6	1·4	2·7
Lucknow . .	19—20	2·9	2·9	2·8	2·0	1·9	4·7	7·7	7·5	5·4	1·7	1·0	1·7	3·5
Allahabad . .	20	2·0	2·0	2·0	1·4	1·6	4·6	7·8	7·5	5·2	1·7	1·1	1·5	3·2
Ghazipur . .	8—9	2·0	1·7	1·6	0·9	1·3	4·3	7·0	6·7	5·1	2·2	1·2	1·2	2·9
Nowgong . .	13—14	2·9	3·2	3·0	2·3	3·1	5·9	8·6	8·4	5·6	2·7	1·3	1·9	4·1
Sutna . . .	14—15	2·1	2·0	2·0	1·8	2·3	4·7	7·1	6·9	5·0	2·2	1·2	1·4	3·2
Darbhanga . .	13—15	1·5	1·5	1·4	1·1	2·0	4·7	6·3	6·1	5·4	2·8	0·8	1·0	2·9
Patna . . .	21—22	2·5	2·4	2·8	2·0	2·7	6·1	8·1	8·1	7·0	3·5	1·7	1·8	4·1
Hazaribagh . .	21—22	2·3	2·0	2·5	2·6	3·4	7·3	9·1	8·8	7·9	4·3	2·4	2·0	4·6
Darjeeling . .	20—22	5·7	5·7	5·2	6·1	7·3	8·7	8·8	8·7	8·2	5·5	4·2	4·3	6·5
Pedong . .	4—6	6·1	5·1	5·3	5·4	6·7	7·7	6·6	7·8	6·8	5·2	3·6	4·5	5·9
Berhampore . .	21—22	2·2	1·9	2·8	3·2	5·2	8·2	8·8	8·8	8·1	4·7	2·5	1·9	4·9
Burdwan . .	17—18	1·7	1·8	2·4	2·4	4·0	7·3	8·3	8·3	7·4	4·2	2·7	1·9	4·4
Calcutta (Alipore) .	13—14	1·5	1·8	2·4	2·7	4·4	7·1	8·2	8·2	7·2	4·2	2·7	1·8	4·4
Saugor Island .	21—22	1·7	2·0	3·7	4·5	5·5	7·5	8·0	7·6	6·8	4·6	2·8	2·2	4·7
Daccá . . .	22	1·6	1·8	3·1	3·9	5·3	7·6	7·9	7·8	6·8	4·1	2·2	1·4	4·3
Chittagong . .	22	1·4	1·7	3·2	4·0	5·1	7·5	7·6	7·4	6·6	4·3	2·8	2·0	4·5
Demagiri . .	12—14	0·7	0·8	1·6	1·8	2·8	4·8	5·1	4·9	3·7	2·1	1·4	0·8	2·5
Tura . . .	6—7	2·8	2·4	2·8	3·3	4·9	6·8	6·9	7·0	6·3	4·4	3·5	3·0	4·5
Dhubri . . .	9—10	1·9	1·6	2·4	3·3	4·6	7·3	6·9	7·4	6·5	2·7	1·4	1·2	3·9
Sibsagar . .	17	5·4	5·5	6·1	6·9	7·8	8·4	8·5	8·5	8·0	6·5	4·5	4·4	6·7
Silchar . .	21—22	3·2	3·1	4·4	5·3	6·2	7·8	7·9	7·9	7·1	4·8	3·4	2·9	5·3
False Point . .	14—15	2·0	2·6	3·1	3·1	4·5	6·9	8·1	7·8	6·8	4·6	3·7	2·6	4·7
Cuttack . .	22	1·7	1·8	2·5	2·8	3·9	6·7	7·7	7·3	6·5	4·4	2·6	1·8	4·1
Sambalpur . .	19—20	1·4	1·5	1·8	2·2	2·7	5·6	7·3	6·9	5·7	3·2	2·4	1·9	3·6

TABLE XXVIII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Raipur . .	22	1·5	1·4	2·0	2·4	3·3	6·5	8·4	7·9	6·7	3·5	2·2	1·8	4·0
Khandwa . .	17—20	1·5	1·3	1·7	1·9	2·3	6·1	7·9	7·4	5·3	2·3	1·6	1·9	3·4
Hoshangabad .	20—21	1·8	1·5	1·9	2·3	2·5	6·0	8·2	7·6	5·8	2·5	1·4	1·6	3·6
Jubbulpore . .	22	2·1	2·1	2·3	2·2	3·1	6·4	8·7	8·3	6·1	2·8	1·7	1·9	4·0
Nagpur . .	22	2·2	1·9	2·5	3·0	3·9	7·2	8·7	8·5	7·2	4·0	2·5	2·4	4·5
Chanda . .	20—21	2·0	1·9	2·4	2·8	3·5	7·0	8·6	8·2	7·0	3·8	2·8	2·5	4·4
Sironcha . .	13—15	1·3	1·4	1·9	2·2	2·7	6·2	7·8	7·4	6·3	3·7	2·8	2·0	3·8
Chikalda . .	14—15	2·0	1·5	2·2	2·3	2·7	6·8	9·1	8·9	7·3	3·5	2·2	2·3	4·2
Buldana . .	14—16	2·2	1·9	2·2	2·5	2·7	6·3	8·1	7·6	6·3	4·0	2·5	2·7	4·1
Akola . . .	16	1·3	1·4	1·6	1·7	2·3	6·5	8·6	8·2	6·5	3·1	1·5	1·7	3·7
Makhla . .	12	2·8	2·9	3·5	3·5	3·5	8·1	9·6	9·4	8·5	4·7	3·2	3·2	5·2
Deesa . . .	16	2·3	2·5	2·4	1·8	1·5	5·0	8·1	8·0	4·7	1·9	1·4	1·7	3·4
Bombay . .	44	1·5	1·3	1·7	2·2	3·9	7·9	9·1	8·8	7·4	4·2	2·2	1·8	4·3
Poona . . .	15—16	1·8	1·6	2·4	2·5	3·0	7·5	9·0	8·7	7·7	4·9	2·8	2·7	4·6
Sholapur . .	13—14	2·0	1·6	2·6	3·4	4·0	7·2	8·3	8·3	8·1	6·0	3·8	3·0	4·9
Ratnagiri . .	14	0·6	0·4	0·6	0·8	1·8	6·6	7·6	7·0	5·7	3·1	1·2	0·9	3·0
Karwar . .	13	0·9	0·6	1·6	2·3	3·2	7·2	7·7	7·1	5·9	4·5	2·5	1·6	3·8
Belgaum . .	15—16	1·6	1·2	2·1	2·6	3·5	7·9	9·0	8·6	7·5	5·6	3·6	2·8	4·7
Secunderabad .	18—20	1·6	1·2	1·8	2·1	2·8	5·7	7·2	6·5	6·0	4·3	3·2	2·4	3·7
Vizagapatam .	21	1·7	1·3	1·9	2·6	4·1	6·0	6·9	6·5	5·7	4·6	3·4	2·5	3·9
Bellary . .	20—21	2·2	1·3	2·2	3·2	4·8	7·5	8·2	7·6	7·4	6·4	4·7	3·4	4·9
Madras . .	21	3·9	2·6	2·4	2·9	3·9	6·4	7·1	6·5	6·1	6·1	6·1	5·3	4·9
Salem . . .	21	2·6	1·8	2·3	3·6	4·6	5·8	6·1	6·0	5·4	5·6	5·0	4·1	4·4
Mercara . .	10—11	3·1	2·5	3·7	5·4	6·7	9·4	9·8	9·4	8·6	7·8	6·5	5·1	6·5
Trichinopoly .	20—21	4·2	2·8	3·2	4·5	5·5	7·2	7·6	7·6	7·0	7·5	7·0	5·9	5·8
Cochin . .	20	2·0	2·1	2·9	3·8	5·7	7·6	7·3	6·4	5·3	5·8	4·5	3·2	4·7
Wellington . .	17—19	3·3	2·5	3·0	4·5	5·7	7·5	7·7	7·6	6·9	7·3	6·8	5·5	5·7
Newera Eliya .	19—20	4·7	3·7	4·2	5·1	5·9	7·8	6·9	6·8	6·4	6·3	5·6	5·5	5·7
Kandy . .	19—20	5·2	4·3	4·7	5·4	5·8	6·8	6·4	6·4	6·3	6·4	6·0	6·1	5·8
Jaffna . . .	18	4·6	3·2	2·8	4·0	4·4	5·7	5·5	5·6	5·1	5·8	6·5	6·4	5·0
Trincomalee . .	18 - 20	5·7	4·5	3·9	4·2	5·1	6·0	5·8	5·7	5·6	6·0	6·2	6·5	5·4
Batticaloa . .	19—20	7·0	6·3	5·8	6·1	6·3	7·0	6·9	6·9	6·5	6·6	7·2	7·3	6·7
Galle . . .	19—20	5·3	4·7	4·7	5·7	6·4	6·7	6·2	6·3	6·1	6·5	6·6	5·5	5·9
Colombo . .	19—20	4·8	3·9	4·3	5·5	6·9	7·5	6·7	6·9	6·7	6·9	6·3	5·8	6·0

TABLE XXVIII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—concluded.

STATION.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Hambantota . .	20—21	6·6	6·1	5·8	6·8	7·1	7·8	7·5	7·6	7·3	7·4	7·0	6·7	6·9
Akyab . .	20—22	1·5	1·1	2·1	3·0	5·3	7·3	8·6	8·1	7·0	4·9	3·3	2·4	4·6
Diamond Island .	11—13	2·4	2·1	2·2	3·0	5·5	7·8	7·8	7·5	6·9	5·3	4·4	3·1	4·8
Rangoon . .	14—15	2·3	2·0	2·1	3·3	6·7	8·7	8·9	8·9	8·1	6·1	4·6	3·1	5·4
Mergui . .	12—13	2·5	3·3	3·9	5·4	7·8	9·2	9·1	8·7	8·6	7·1	5·4	3·1	6·2
Port Blair . .	21—22	3·3	2·8	2·9	4·1	6·3	7·2	7·2	7·1	7·0	5·8	5·0	4·4	5·3
Quetta . .	12	4·2	4·2	4·2	3·5	0·9	1·0	1·5	1·4	0·4	0·4	1·2	3·0	2·2
Leh . . .	17	6·5	6·7	6·4	6·3	6·4	5·0	5·1	5·1	3·9	3·8	3·9	5·5	5·4
Katmandu . .	11—12	3·4	3·1	3·8	4·3	5·3	5·7	6·4	6·8	6·1	3·8	2·1	2·9	4·5
Aden . . .	7—9	3·9	4·1	3·5	2·7	1·9	1·2	2·3	1·7	2·3	1·7	2·1	4·0	2·6

TABLE XXIX.—*Comparison of the mean cloud proportion in each month of 1890 with the averages of Table XXVIII.*

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	−1·2	−0·7	−0·2	+0·9	+0·3	+1·1	+1·2	+1·8	+0·7	+0·6	+1·9	+3·0	+0·8
Chamba	−1·8	+0·2	+0·7	−0·3	−0·1	0	+1·2	+0·3	+0·1	+0·2	+2·9	+2·6	+0·5
Kailang	−1·6	0	+0·5	+0·1	+0·3	−0·7	+1·1	+0·5	−1·0	−0·5	+2·0	+2·6	+0·3
Simla	−0·9	−0·1	+0·4	+0·3	−0·7	−1·1	+0·9	+0·1	−0·7	0	+2·1	+2·5	+0·2
Peshawar	−1·3	−0·1	−0·8	+0·9	−0·1	+0·1	+0·4	+0·8	−0·7	0	+2·0	+2·5	+0·3
Lahore	−0·5	+0·3	+0·5	+1·7	+0·3	+0·7	+0·8	+1·2	−1·0	0	+3·0	+3·5	+0·9
Ludhiana	0	+1·3	+1·6	+1·4	−0·8	+1·2	+2·3	+0·9	+0·9	+0·1	+3·1	+3·6	+1·3
Mooltan	0	−0·4	+1·1	+0·2	−0·8	−0·9	0	+0·9	−0·4	+0·1	+2·3	+3·0	+0·4
Jacobabad	+0·2	+1·0	0	+1·1	−0·9	−0·4	+1·0	+1·1	−0·6	−0·1	+2·1	+2·3	+0·6
Kurrachee	−0·9	+0·4	+0·6	0	−0·2	−0·5	+0·5	+0·4	−1·9	−0·3	+0·3	+1·0	−0·1
Jeypore	+0·5	+0·2	+1·6	+0·5	−0·9	+0·9	+0·8	+0·3	+0·5	0	+1·8	+2·2	+0·7
Ajmere	−0·6	−0·1	+0·7	−0·2	−0·6	−0·1	−0·7	−1·2	−0·5	+0·7	+1·4	+2·0	+0·1
Mount Abu . . .	?	+0·4	+0·7	+1·0	−1·4	+1·2	+0·7	+0·3	−2·1	−1·1	+1·8	+1·8	?
Chakrata	−1·9	−1·8	0	−0·2	−0·9	−0·1	+0·6	+0·3	+0·1	−0·3	+1·7	+2·1	0
Ranikhet	−1·2	−0·9	+1·1	+0·3	−0·4	+0·5	+0·3	+0·8	−0·1	+0·6	+1·7	+2·6	+0·4
Pithoragarh . . .	−1·2	+0·3	+1·0	−0·1	−0·4	+0·6	+0·7	+0·8	+0·2	0	+1·0	+1·8	+0·4
Dehra	−1·3	−0·3	−0·2	0	−1·3	+1·3	+0·5	−0·1	−0·5	+0·1	+1·5	+2·3	+0·2
Roorkee	−1·4	−1·7	+0·5	−0·6	−1·1	+0·1	+0·5	−1·8	−0·6	−0·2	+0·7	+1·7	−0·3

TABLE XXIX.—*Comparison of the mean cloud proportion in each month of 1890 with the averages of Table XXVIII*—continued.

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Meerut	−1·1	−0·2	+1·0	+0·3	−0·8	+0·5	+0·6	−0·7	−0·6	−0·4	+1·3	+2·0	+0·2
Agra	−·03	−0·2	+1·6	+0·3	−1·0	−0·4	+1·3	−1·3	−0·6	−0·8	+0·8	+1·0	0
Lucknow	−0·8	−1·0	+0·9	−0·4	−0·2	+0·5	+0·5	−0·2	−0·1	−0·2	+0·8	+0·8	+0·1
Allahabad	−0·8	−0·2	+2·0	+0·3	−0·7	+1·7	+1·3	+0·9	+0·6	−0·9	+0·4	+0·4	+0·4
Ghazipur	−1·2	−0·5	+1·3	−0·2	−0·6	+0·7	+0·5	+0·1	−0·1	−0·4	−0·2	+0·1	0
Nowgong	−1·3	−1·2	+0·7	+0·8	−0·7	+1·2	+0·9	−0·1	+0·3	−1·4	+0·9	+1·0	+0·1
Sutna	−1·4	−1·2	+0·7	−0·3	−0·9	+0·5	+0·6	+0·4	+0·7	−1·4	−0·1	+0·2	−0·2
Darbhanga	−0·7	−1·1	0	−0·2	−0·5	+0·2	+0·5	−0·1	−0·9	−0·4	−0·5	−0·8	−0·4
Patna	−1·7	−1·5	+0·3	−0·5	−1·3	−0·2	+1·1	+0·9	−0·3	−0·2	−0·8	−0·5	−0·4
Hazaribagh	−1·6	−1·4	+0·7	−0·2	−0·5	+1·1	+0·7	+1·1	+1·2	0	+0·3	+1·1	+0·2
Darjeeling	+0·9	−0·5	−1·7	+0·6	+0·9	+0·4	+0·9	+0·4	+0·1	+0·3	−0·3	+2·9	+0·4
Pedong	?	?	?	?	?	?	?	?	−1·2	−0·4	−0·4	+1·8	?
Berhampore	−1·2	−0·9	+0·8	+0·4	−1·4	0	−0·2	−0·3	−0·2	−0·7	−1·3	−0·2	−0·4
Burdwan	−1·1	−1·3	+0·5	−0·4	−0·3	+1·4	−0·2	−0·2	+0·4	+0·3	−0·7	−0·2	−0·2
Calcutta (Alipore)	−0·7	−0·9	+0·4	0	−0·7	+0·7	+0·5	+0·1	+0·3	+0·4	−0·6	−0·5	−0·1
Saugor Island	−1·0	−0·6	+0·9	0	+0·1	+0·9	+1·3	+1·4	+1·4	+1·2	+0·8	+0·9	+0·6
Dacca	−0·1	−0·6	+1·5	+1·3	+1·5	+0·7	+0·7	+1·0	+0·9	+1·4	+0·8	+1·0	+0·8
Chittagong	+0·1	−0·8	+0·9	−0·3	+0·5	−0·2	+0·5	+0·1	−0·6	−0·1	−0·4	−·07	+0·1
Demagiri	+0·2	−0·6	+1·4	+1·8	+2·1	+1·4	+2·0	+1·5	+1·0	+0·6	0	−0·1	+0·9
Tura	0	−0·8	−0·6	−0·6	−0·2	+0·4	−0·5	+0·4	−0·1	+1·4	−0·3	−1·0	−0·2
Dhubri	+0·7	−0·6	0	+1·1	+0·2	+1·0	+2·2	+0·9	+0·7	+1·6	−0·5	+0·5	+0·7
Sibsagar	+0·2	−2·4	−0·1	−0·7	−1·2	+0·3	+0·1	+0·2	−1·0	+0·3	−0·6	+2·7	−0·2
Silchar	+1·1	−0·4	+2·4	+1·6	+1·0	+1·3	+1·4	+1·3	+0·3	+1·9	+0·5	+1·1	+1·1
False Point	−1·1	−0·9	+1·5	+0·2	+1·1	+1·1	+0·8	+0·8	+0·7	−1·3	+0·7	+0·6	+0·4
Cuttack	−1·2	−0·7	+1·1	−0·1	−0·5	+0·6	+0·8	+0·3	+0·6	+0·8	+0·8	+0·3	+0·3
Sambalpur	−1·1	?	+1·4	−0·4	+0·8	+1·6	+1·9	0	+0·8	−0·4	−0·2	+0·4	?
Raipur	−1·2	−0·1	+2·4	+1·5	+0·6	+2·0	+1·0	+1·3	+1·6	−0·3	+0·8	+3·2	+1·1
Khandwa	−1·2	−0·3	+0·7	+1·2	−1·3	+1·0	+0·2	−0·1	+0·6	−0·8	+0·7	+0·7	+0·1
Hoshangabad	−1·4	−0·5	+1·1	+1·1	−1·2	+0·8	+0·9	+0·6	+0·5	−0·2	+0·8	+1·5	+0·3
Jubbulpore	−1·6	−1·4	+0·7	+1·3	−1·6	+0·1	+0·6	+0·4	−0·4	−1·5	+0·1	+0·5	−0·2
Nagpur	−2·0	−1·3	+0·7	+0·8	−1·5	+0·9	+0·6	+0·5	+0·7	−0·8	−0·2	+2·1	0
Chanda	−1·6	−0·9	+1·0	+0·5	−1·3	+0·7	+0·3	−0·1	+0·5	−1·3	−0·1	+1·6	−0·1
Sironcha	−1·0	−0·8	+1·6	+0·5	−0·4	+0·9	+0·5	+0·5	+1·1	−1·2	+0·2	+1·1	+0·3
Chikalda	−1·3	+0·3	+1·6	+1·9	+0·2	+1·2	+0·6	−0·1	+0·7	−0·5	+1·5	+3·1	+0·8

TABLE XXIX.—*Comparison of the mean cloud proportion in each month of 1890 with the averages of Table XXVIII*—continued.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Buldana	−2·0	−1·4	−0·2	+1·0	−1·2	+1·8	+1·5	−0·9	−0·2	−2·4	−0·1	+0·6	−0·3
Akola	−1·1	−0·9	+2·2	+2·4	+0·9	+2·3	+1·0	+0·3	+1·5	+0·7	+0·7	+2·7	+1·1
Makhla	−2·1	−1·6	+0·4	+1·2	−2·0	+1·3	+0·4	+0·5	+0·1	−2·1	+0·6	+2·9	0
Deesa	−0·8	+1·2	+1·5	+1·4	−0·7	+2·1	+0·8	+0·4	−1·0	−0·2	+2·3	+1·9	+0·7
Bombay	−1·0	−0·4	−1·5	+1·1	−1·8	+1·2	+0·4	+0·2	−0·4	−2·3	+0·4	+1·3	−0·2
Poona	−1·4	−1·1	−0·1	+0·6	−1·3	+0·7	+0·1	−0·3	−0·9	−0·9	0	+1·1	−0·3
Sholapur	−1·5	−1·2	+1·1	+0·8	−0·2	+0·9	+0·5	−0·5	+0·3	−0·1	−0·4	+0·9	+0·1
Ratnagiri	−0·5	−0·4	−0·3	+1·2	+0·3	+0·3	−0·1	−0·9	−2·4	−1·5	+0·4	−0·2	−0·3
Karwar	−0·6	−0·4	−0·1	+0·8	+0·5	−0·1	+0·5	−1·0	−0·4	−0·9	−0·1	−0·2	−0·2
Belgaum	−1·0	−0·8	?	+1·2	−0·4	+0·7	+0·7	−0·1	−0·4	+0·2	−0·6	−0·4	?
Secunderabad	−0·8	−0·6	+0·7	+0·9	0	+1·1	+1·4	+1·3	+1·9	+0·6	+1·2	+2·2	+0·8
Vizagapatam	−1·1	−0·7	+1·4	+0·6	−0·6	+1·5	+1·7	+1·1	+1·5	+0·9	+1·2	+0·1	+0·6
Bellary	−1·3	−0·9	+0·6	+0·3	−0·6	+0·9	+0·7	+0·8	+0·7	−0·6	0	−0·9	0
Madras	−0·9	−1·4	+0·4	−0·4	−1·6	+0·3	+0·1	+1·1	+0·8	−0·4	−0·8	−1·7	−0·4
Salem	+1·4	−0·3	+2·2	+2·3	+0·4	+0·7	+0·2	+0·6	+0·4	+0·4	+0·1	−0·5	+0·7
Mercara	+0·6	+1·9	+2·3	+1·0	−0·4	−0·4	−0·3	−0·6	−0·2	0	−0·3	+1·0	+0·4
Trichinopoly	0	−1·0	+0·8	−0·1	−1·1	−0·8	−0·3	−0·4	−1·8	−1·4	−1·3	−1·7	−0·8
Cochin	−0·7	−0·9	−0·5	+1·5	−1·1	+0·9	+0·1	+0·1	−0·6	−0·2	−1·2	−0·5	−0·3
Wellington	−0·2	−0·5	+1·3	−0·9	−0·3	+0·6	+0·3	+0·8	−0·1	+0·5	−1·2	−1·9	−0·1
Newera Eliya	−3·3	−2·3	−2·9	−2·4	−4·0	−3·7	−1·9	−3·1	−2·7	−2·3	−3·1	−4·0	−3·0
Kandy	+0·4	+0·1	+0·3	+0·9	?	+1·0	+0·6	+0·4	+0·9	0	−0·7	−1·1	?
Jaffna	+0·6	−0·2	+1·3	+1·2	+0·4	−0·1	−0·3	+0·2	+0·4	−0·3	+0·1	−1·8	+0·1
Trincomalee	−0·6	−0·6	−0·3	+0·1	−1·4	−1·1	1·3	0	−0·6	−1·1	−1·3	−1·2	−0·8
Batticaloa	−2·9	−2·0	−2·1	−1·8	−3·8	−3·4	−2·8	−2·8	−2·8	−2·5	−3·6	−3·7	−2·9
Galle	−1·8	−1·6	−1·5	−0·8	−2·5	−2·5	−1·6	−2·0	−1·7	−2·0	−2·7	−2·0	−1·9
Colombo	−1·0	−0·5	+0·9	+1·6	+0·9	+0·2	−1·2	−0·4	−0·2	+0·1	−0·5	−0·5	−0·1
Hambantota	+0·3	+1·0	+1·2	−0·5	−2·6	−3·8	−4·3	−4·1	−3·2	−3·0	−3·0	−2·3	−2·0
Akyab	−0·8	+0·3	+1·6	+1·0	+1·4	+1·6	+0·7	+0·2	+0·5	+0·8	−0·9	−1·9	+0·4
Diamond Island	+0·5	−0·5	−0·5	−0·6	+1·9	+0·4	−0·6	−0·8	−0·3	−0·3	−2·0	−1·8	−0·4
Rangoon	+0·7	−0·2	−0·7	+0·2	+0·9	−0·1	+0·8	0	−0·5	−0·5	−0·9	−2·1	−0·2
Mergui	+1·3	+0·3	0	+1·3	+1·7	+0·3	+0·4	+0·1	+0·5	−0·4	−1·2	−0·4	+0·3
Port Blair	+1·4	+2·3	+0·2	+1·0	+1·1	+1·5	+0·6	+1·0	+1·5	+0·9	−0·6	−1·6	+0·8
Quetta	−1·1	−0·2	−0·5	+1·1	+0·1	+0·2	−0·2	−0·4	−0·3	0	+2·6	+2·4	+0·3
Leh	−1·2	−0·2	−0·1	+0·3	+0·1	−0·4	+1·1	+0·7	0	−0·2	+1·3	+2·1	+0·3

TABLE XXIX.—*Comparison of the mean cloud proportion in each month of 1890 with the averages of Table XXVIII*—concluded.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Katmandu	+1·1	−0·3	+0·5	−0·1	+0·1	+1·0	+0·9	+0·6	+0·3	+0·5	+1·4	+0·4	+0·5
Aden	−0·6	−1·3	+1·3	−0·1	−0·1	−0·4	+0·1	0	+0·1	−0·2	−0·5	−1·2	−0·2

TABLE XXX.—*Geographical Summary of the data of Table XXIX.*

METEOROLOGICAL DISTRICT.	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-West Himalaya.	8	−1·4	−0·4	+0·4	+0·2	−0·2	0	+0·9	+0·7	−0·1	+0·1	+1·8	+2·4	+0·4
Sikkim Himalaya and Nepal.	2—3	+1·0	−0·4	−0·6	+0·3	+0·5	+0·7	+0·9	+0·5	−0·3	+0·1	+0·2	+1·7	+0·4
Punjab Plains .	4	−0·5	+0·3	+0·6	+1·1	−0·4	+0·3	+0·9	+1·0	−0·3	+0·1	+2·6	+3·2	+0·7
Gangetic Plains .	9	−1·0	−0·7	+0·8	−0·1	−0·8	+0·5	+0·8	−0·3	−0·3	−0·4	+0·4	+0·8	0
Western Rajputana	3—4	−0·5	+0·8	+0·7	+0·9	−0·8	+0·6	+0·8	+0·6	−1·4	−0·4	+1·6	+1·8	+0·4
Eastern Rajputana and Central India.	4	−0·7	−0·6	+0·9	+0·2	−0·8	+0·6	+0·4	−0·2	+0·3	−0·5	+1·0	+1·4	+0·2
Nerbudda Valley .	3	−1·4	−0·7	+0·8	+1·2	−1·4	+0·6	+0·6	+0·3	+0·2	−0·8	+0·5	+0·9	+0·1
Chota Nagpur .	1	−1·6	−1·4	+0·7	−0·2	−0·5	+1·1	+0·7	+1·1	+1·2	0	+0·3	+1·1	+0·2
Lower Bengal .	5	−0·8	−0·9	+0·8	+0·3	−0·2	+0·7	+0·4	+0·4	+0·6	+0·5	−0·2	+0·2	+0·2
Assam and Cachar	4	+0·5	−1·1	+0·4	+0·4	−0·1	+0·8	+0·8	+0·7	0	+1·3	−0·2	+0·8	+0·4
Orissa and Sambalpur.	2—3	−1·1	−0·8	+1·3	−0·1	+0·5	+1·1	+1·2	+0·4	+0·7	−0·3	+0·4	+0·4	+0·3
Central Provinces South, and Berar.	8	−1·5	−0·8	+1·2	+1·2	−0·6	+1·4	+0·7	+0·3	+0·8	−1·0	+0·4	+2·2	+0·4
Konkan . .	3	−0·7	−0·4	−0·6	+1·0	−0·3	+0·5	+0·3	−0·6	−1·1	−1·6	−0·2	+0·3	−0·3
Malabar Coast .	1	−0·7	−0·9	−0·5	+1·5	−1·1	+0·9	+0·1	+0·1	−0·6	−0·2	−1·2	−0·5	−0·3
Deccan, Hyderabad and Mysore.	5—6	−0·9	−0·5	+0·9	+0·8	−0·5	+0·7	+0·5	+0·3	+0·2	−0·1	0	+0·7	+0·2
East Coast and Carnatic.	4	−0·2	−0·9	+1·2	+0·6	−0·7	+0·4	+0·4	+0·6	+0·2	−0·1	−0·2	−1·0	0
Ceylon . .	7—8	−1·0	−0·8	−0·4	−0·2	−1·9	−1·7	−1·6	−1·5	−1·2	−1·4	−1·9	−2·1	−1·3
Arakan and Pegu .	5	+0·1	−0·4	+0·5	+0·4	+1·4	+0·6	+0·7	+0·2	0	+0·1	−0·8	−1·3	+0·1
Tenasserim . .	1	+1·3	+0·3	0	+1·3	+1·7	+0·3	+0·4	+0·1	+0·5	−0·4	−1·2	−0·4	+0·3
Bay Islands . .	1	+1·4	+2·3	+0·2	+1·0	+1·1	+1·5	+0·6	+1·0	+1·5	+0·9	−0·6	−1·6	+0·8
Extra-tropical India	...	−0·6	−0·5	+0·6	+0·4	−0·5	+0·6	+0·7	+0·5	0	0	+0·8	+1·4	+0·3
Tropical India .	...	−0·3	−0·3	+0·4	+0·8	0	+0·6	+0·3	+0·1	+0·1	−0·4	−0·5	−0·3	0
Whole of India .	...	−0·5	−0·4	+0·5	+0·6	−0·3	+0·6	+0·5	+0·3	+0·1	−0·2	+0·2	+0·6	+0·2

January—The weather was unusually fine and free from cold-weather storms in this month and hence the sky was very free from cloud. The cloud amount was below the normal over the whole of India, except Burma, Assam and Sikkim. The deficiency was on the whole most marked in the Central Provinces, Chota Nagpur and the Deccan. The mean normal cloud amount in the Central Provinces in January is 1·7, and the actual average in January 1890 was only 0·3, so that skies were practically clear during the whole month. Similarly, the normal average amount of cloud in the Deccan in January is 1·8, and in January 1890 the amount averaged only 0·5. The deficiency averaged 1·0 in the Gangetic Plain and 1·4 in the North-West Himalayas. The cloud amount was 1·4 in excess at Port Blair, 1·3 in excess at Mergui and 0·6 in Lower Burma. There was also a moderate excess at the Assam stations and the Sikkim Himalayas, averaging +0·7.

February, like January, was a drier month than usual, and very free from cold-weather cyclonic storms. The mean cloud amount of the month was hence almost as markedly in defect over the greater part of India as in the previous month. The deficiency averaged 1·4 in Chota Nagpur (normal average 2·0), 0·8 in the Central Provinces (normal average 1·6), 0·9 in Malabar and the Carnatic (normal average 2·1), and 0·7 in the Gangetic Plain (normal average 2·6). There was a large excess at Port Blair (+2·3), and a slight deficiency at Diamond Island and Rangoon. In Assam and the Sikkim Himalayas the cloud amount was below the average, whilst in the Punjab and Rajputana it was slightly in excess.

March was more disturbed than usual over the whole of Northern and Central India. The average cloud amount of the month was hence above the normal over nearly the whole of India. It was in slight defect in Malabar and the Konkan and normal in Tenasserim. The excess was greatest in Orissa, the Central Provinces and the Carnatic. The excess was 1·3 in Orissa and averaged 1·2 in the two latter areas. The average normal cloud amount in the Central Provinces during March is 2·3 and the Carnatic 2·4. The excess was very uniform in amount over Northern and Central India and averaged 0·6 in Extra-tropical India.

April.—The weather was more disturbed and cloudy than usual during the month, more especially in the peninsula. The average cloud amount in the peninsula was 0·8 above the normal (3·0) and 0·4 above it (*viz.*, 2·5) in Extra-tropical India. The excess was largest in the coast districts of Malabar (1·5) and Tenasserim (1·3). It was also large in the Central Provinces and Berar (1·2), the Punjab (1·1) and Konkan and the Bay Islands (1·0). It was normal in amount in the Gangetic Plain, Chota Nagpur and Orissa, and slightly in excess in Bengal and Assam. The most remarkable local variations of cloud were at Akola (2·4 in excess) and Salem (2·3 in excess). The normal mean cloud amount in April at Akola is only 1·7.

May.—The south-west monsoon commenced somewhat earlier than usual in the Bay Islands and Burma. Hence the average cloud amount of the month was in moderate excess in that area. The excess was 1·1 in the Bay Islands, 1·7 in Tenasserim and 1·4 in Lower Burma and Arakan. The monsoon was established somewhat later than usual in Southern India, and the weather was drier and hotter than usual in Northern and Central India and the Deccan. Hence the mean cloud amount of the month was more or less in defect over the whole of India. The deficiency was greatest in Malabar (—1·1), the North-Western Provinces, Rajputana and Central India (in which it averaged—0·8), and the Carnatic (—0·7). The average normal cloud amount in the North-Western Provinces in May is 1·6 and in Rajputana 1·8.

June.—The south-west monsoon humid currents set in slightly earlier than usual on the Bombay and Bengal coasts, and extended very rapidly into the interior. Hence the month was characterised by an unusually large amount of cloud in all districts. In Tropical and Extra-tropical India the excess averaged 0·6. The excess was greatest in the Central Provinces (+1·4), Orissa (1·1), and Chota Nagpur (1·1). It was very uniform over the remainder of India. The excess was locally greatest at Akola (+2·3), Deesa +2·1 and Raipur (2·0).

July.—The rains continued very steadily and were more abundant than usual during the months of July and August. The average cloud amount of the month was hence in moderate excess in all districts except Ceylon. The excess in July averaged 0·7 for Extra-tropical India and 0·3 for Tropical India. The excess was very uniformly distributed and was on the whole greater in Upper India and the hill districts than elsewhere. It was greatest in Orissa (+1·2) and the Punjab (+0·9), and least in Malabar (+0·1) and the Konkan (+0·3). The excess was locally greatest at Dhubri (2·2), Ludhiana (2·3) and Demagiri (2·0).

August.—The mean cloud amount of the month was in general excess. The excess was less marked than in July, and averaged 0·5 in Extra-tropical India and 0·3 in Tropical India. It was in excess in all districts except Konkan (0·6 in defect), the North-Western Provinces (0·3 in defect), and Central India and East Rajputana (0·2 in defect). The excess was largest in Chota Nagpur (1·1), the Punjab (1·0), the Bay Islands (1·0) and Assam (0·7). Skies were unusually cloudy at Murree, where the cloud amount was 1·8 in excess. There was a noteworthy deficiency in the western districts of the North-Western Provinces, as shown by Roorkee (1·8 in defect), Agra (1·3 in defect) and Meerut (0·7 in defect). The cloud amount was very deficient in Ceylon, being 1·5 less than the normal amount (6·5).

September.—A general break in the rains occurred during the first ten days of the month, but this was followed by fairly general and normal rainfall during the remainder of the month. The monsoon currents retreated from North-Western India earlier than the normal period, and hence the mean cloud amount of the month was largely in defect in West Rajputana (—1·4) and in moderate defect in the Punjab and North-Western Provinces (—0·3). The cloud amount was in moderate excess in Orissa (0·7), the Central Provinces (+0·8) and Chota Nagpur (+1·2). It was in slight excess in Burma, Bengal and the Deccan, and in moderate defect in the Konkan (—1·1) and Malabar (—0·6).

October.—The Bombay current retreated more rapidly southwards than usual in the last week of September and in October, and hence the mean cloud amount of October in the Konkan was very largely in defect (—1·6), and considerably in defect in Berar and the Central Provinces (—1·0). The deficiency was absolutely greatest at Buldana in Berar (—2·4), Bombay (—2·3) and Makhla (—2·1). The Bay current was fairly normal in its extension and strength during the month, and hence the variations of the amount of cloud from the normal were small over the whole of Northern India and in Burma and Madras. The amount of cloud was very slightly in defect in Madras, the North-Western Provinces and the South Deccan, and was in moderate excess in the Bay Islands (+0·9) and in slight excess in Lower Burma (+0·1). It was either normal or slightly in defect in Northern India except Bengal (0·5 in excess) and Assam (1·3 in excess). The deficiency in Ceylon was slightly less marked than during the previous four months and averaged 1·2, the normal amount being 6·5 .

November.—One of the more important features of the meteorology of the last two months of the year was the great excess of cloud in Northern and Central India. The cold-weather storms commenced unusually early and gave abnormally heavy rain in the plain districts and excessive snow in the hills. This increased amount of cloud was chiefly shown in Upper India in the month of November. The mean cloud amount of the month was 2·6 in excess of the normal amount (1·4) in the Punjab, 1·6 in excess of the normal amount (1·2) in West Rajputana, 1·2 in excess in Sind (the normal amount being 1·1), and 1·0 in excess in East Rajputana and Central India (the normal being 1·1). It was 2·6 in excess at Quetta (normal amount 1·2), and 2·1 at Simla (normal amount 1·9). Hence over the whole of Upper India the cloud amount was on the average from two to three times its normal value. The variations in Bengal, Assam, Orissa and the Central Provinces were —0·2, —0·2, +0·4 and +0·4, respectively, and were hence small in amount.

The retreating south monsoon was feebler than usual in the Bay and gave less cloud in Southern India, the Bay Islands and Burma. The deficiency was 1·2 in Tenasserim, 0·8 in Lower Burma, and 0·2 in the Carnatic. The early withdrawal of the Arabian Sea south-west current from Western India is shown by the large deficiency in the cloud amount in Malabar (1·2 in defect). The cloud amount was 0·8 above the normal in Extra-tropical India, the excess increasing from Bengal westwards, and was absolutely greatest in Sind and the Punjab, and at Quetta and the Punjab hill stations. It was 0·5 in defect in Tropical India.

December was an abnormally cloudy month over the whole of Northern and Central India. The excess in the average amount of cloud was greatest in the Punjab (3·2 above the normal), North-Western Himalayas (2·4 above), and the Central Provinces (2·2). It was also more than 1 in excess in Rajputana and Central India (+1·6) and Chota Nagpur (+1·1). The following data for representative stations in these provinces show more clearly and fully the abnormal cloudiness of the month in Northern and Central India:—

METEOROLOGICAL DISTRICT.	Representative station.	Actual average amount of cloud, December 1890.	Normal average amount of cloud, December.	Variation, December 1890.
BELUCHISTAN	Quetta	5·4	3·0	+2·4
PUNJAB HILLS	Murree	7·7	4·7	+3·0
	Leh	7·6	5·5	+2·1
PUNJAB	Peshawar	6·0	3·5	+2·5
	Lahore	5·7	2·2	+3·5
SIND	Jacobabad	4·3	2·0	+2·3
RAJPUTANA	Jeypore	4·1	1·9	+2·2
	Deesa	3·6	1·7	+1·9
CENTRAL PROVINCES	Nagpur	4·5	2·4	+2·1
BERAR	Akola	4·4	1·7	+2·7

The cloud amount was in slight excess in Orissa and Bengal, and in moderate excess in Assam. In the latter province the excess was greatest at Sibsagar, thus showing that skies were unusually clouded in the Upper Assam Valley. The mean cloud amount of the whole of Extra-tropical India was 1·4 in excess of the normal. There was on the other hand less cloud than usual in Southern India and Burma, due to the feebleness and early retreat of the south-west monsoon or south-west humid current in the Bay. The deficiency was very large in the Bay Islands (1·6 below the normal), Lower Burma (1·3 below), Ceylon (2·1 below), and the Carnatic (1·0 below). The deficiency was absolutely greatest at Rangoon (—2·1) and at the Ceylon stations of Batticaloa (—3·7), Newera Eliya (—4·0) and Hambantota (—2·3).

Year.—The variations of the amount of cloud from the normal in the year 1890 were almost as large and as marked as in the preceding year. There was a large and general deficiency in Northern and Central India during the months of January and February due to the small number of cold-weather cyclonic storms. This was followed by slightly more disturbed weather, and hence by slightly greater amount of cloud in March and April. The amount of cloud was in moderate defect in May except in Burma, where the rains commenced earlier than usual. The amount of cloud was in general excess in June, July, and August, in consequence of the prevalence of stronger and steadier monsoon currents than usual. The variations of the next month were small, and are chiefly important as indicating the early retreat and withdrawal of the Arabian Sea monsoon current from North-Western India. The last two months were characterised by excessive cloud in Northern and Central India, and by deficient cloud in Southern India and Burma. The former feature appeared to indicate excessive humidity in the upper currents, and this was confirmed by the excessive rain and snow in Upper India during the cold weather of 1890-91.

The means for the year indicate that there was more cloud than usual in Northern and Central India and Burma. The excess was chiefly due to the cloud conditions of the rainy months and the months of November and December. The excess was greatest in the Punjab (+0·7), West Rajputana, Assam and the Central Provinces (+0·4), and the Himalayan hill districts (+0·4). It was normal or very slightly in excess in the Carnatic, the Deccan, Mysore and Hyderabad. There was a moderate deficiency in Malabar and the Konkan and in Ceylon, which was remarkably persistent throughout the year. It is not a little remarkable that the same features characterised the mean cloud distribution of the previous year. The following table gives data :—

District.	Variation of mean cloud amount from normal mean in 1889.	Variation of mean cloud amount from normal mean in 1890.
Konkan	—0·4	—0·3
Malabar	—0·5	—0·3
Ceylon	—0·6	—1·3

This persistent feature is discussed in the concluding remarks on the meteorology of the year and fuller data given.

RAINFALL.

In the present report the rainfall of India and its dependencies is represented by 546 stations. Fourteen of these furnish two or more independent registers. The rainfall registers of the Extra-Indian stations, Aden, Bushire and Baghdad are included. The monthly and annual totals of these 562 registers are shown in Table XII in Appendix A, classified under their respective administrative divisions, according to the following scheme:—

METEOROLOGICAL DISTRICT.	Number of Stations.	Number of Registers.
Punjab	36	43
Sind	8	8
Cutch	3	3
Rajputana	40	41
Central India States	18	19
North-Western Provinces	46	46
Oudh	12	12
Bengal	85	85
Assam	15	15
Central Provinces	27	27
Berar	9	9
Bombay	42	43
Hyderabad	26	29
Madras	75	78
Mysore and Coorg	9	9
Ceylon	12	12
Burma	31	31
Bay Islands	2	2
Beluchistan	45	45
Kashmir	1	1
Nepal	1	1
Persia	1	1
Arabia	1	1
Asiatic Turkey	1	1

The map, Plate I, shows the positions of all the stations in India and its dependencies, the registers of which are given in Table XII (Appendix A). The rain-gauges in use in Bengal, Bombay, Madras, the Central Provinces and Berar generally, and at the meteorological observatories in the North-Western Provinces, the Punjab, Burma and other provinces are either those of Symon's pattern, 5 inches in diameter, or Glashier's, 8 inches in diameter, and furnished with graduated measure-glasses, into which the collected rain-water is poured. The gauges are placed on the ground with the mouth in general about one foot above the ground-level. At many of the revenue rain-gauge stations in the North-Western Provinces Fleming's float-gauge is used, the mouth of which stands 3 feet above the ground.

The rainfall is measured at 8 A.M. at all rainfall registering stations.

Table XIII (Appendix A) gives the number of days in 1890 on which rainfall was measured at 546 stations.

From this table it appears that the wettest stations were Ratnapura, where rain fell on 232 days, Galle with rain on 216 days, and Colombo with 203 rainy days. The least rainy station was Rhahpur in Cutch, with rainfall on 9 days, giving a total of 8·09 inches. Chappa (C. P.) with 12 rainy days had 21·70 inches, and Pholodi, Aden in Arabia and Umarkot, each with 13 rainy days, had 6·79, 8·13 and 9 87 inches of rainfall respectively. Leh with 31 rainy days had only 3·15 inches, and Sehwan (Sind) with 14 rainy days had 3·74 inches only. The rainfall of Chera Poonjee was 541 inches, of Mohableshwar 323 inches, and of Matheran 292 inches. Quantities exceeding 200 inches were also registered at Baura (283 inches), and Buxa (224 inches). The smallest total rainfalls of the year in India were 3·74 inches at Sehwan, 4·11 inches at Dera Ghazi Khan, and 5·83 inches at Jacobabad.

The following Table XXXI gives the average rainfall, as deduced from the registers of past years, at 499 stations (including two stations in Calcutta, two at Raichur and two in the town of Bombay), distributed as follows:—

METEOROLOGICAL DISTRICT.	Number of Stations.	METEOROLOGICAL DISTRICT.	Number of Stations.
Punjab	36	Hyderabad	25
Sind	8	Madras	75
Cutch	3	Mysore and Coorg	9
Rajputana	39	Ceylon	12
Central India States	18	Burma	29
North-Western Provinces	46	Bay Islands	1
Oudh	12	Beluchistan	3
Bengal, Bihar and Orissa	84	Kashmir	1
Assam	15	Nepal	1
Central Provinces	27	Persia	1
Berar	9	Arabia	1
Bombay and Guzerat	43	Asiatic Turkey	1

And Table XXXII gives the differences between the rainfalls of each month of 1890 and the corresponding averages of Table XXXI.

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
PUNJAB	Abbottabad	31—32	3·20	3·79	4·12	3·38	2·94	2·71	8·61	9·08	3·12	1·05	1·05	2·14	45·19
	Murree (Obsy.)	16	3·20	3·86	3·15	3·94	3·42	2·38	11·87	14·26	5·17	2·12	1·72	1·63	56·72
	Chamba	6—7	6·90	5·03	2·60	2·02	2·99	2·41	10·47	8·86	1·16	0·44	0·70	2·29	45·87
	Dharmsala	31—32	4·74	4·48	3·83	2·00	2·79	10·31	40·95	37·91	11·70	1·56	0·40	2·32	122·99
	Kailang	7—8	3·21	2·95	3·01	2·84	2·05	1·19	1·22	1·32	1·22	0·46	0·61	0·80	20·88
	Kilba	8—9	6·61	5·48	7·29	5·34	4·71	2·26	5·69	4·68	4·71	1·28	2·79	1·71	52·55
	Simla (Obsy.)	28—29	3·17	2·69	2·81	2·67	4·20	7·89	19·71	17·95	6·08	1·27	0·36	1·03	69·83
	Peshawar (Obsy.)	32—33	1·53	1·21	1·74	1·86	0·63	0·30	1·61	1·96	0·75	0·22	0·71	0·59	13·11
	Kohat	30—3	1·34	1·25	1·90	1·67	1·34	1·03	3·85	2·91	1·53	0·56	0·80	0·51	18·69
	Bannu	28—29	0·87	0·83	1·44	1·33	0·71	0·96	2·11	2·88	0·68	0·17	0·33	0·32	12·63
	Dera Ismail Khan	28—29	0·44	0·68	0·78	0·69	0·38	0·61	1·87	1·49	0·53	0·12	0·19	0·33	8·11
	Dera Ghazi Khan	28—29	0·38	0·41	0·63	0·32	0·47	0·55	1·83	1·37	0·37	0·06	0·15	0·27	6·81
	Muzaffargarh	30—31	0·30	0·31	0·39	0·35	0·37	0·35	1·30	1·44	0·56	0·10	0·10	0·29	5·86
	Mooltan (Obsy.)	29	0·36	0·30	0·47	0·30	0·43	0·39	2·14	1·37	0·68	0·10	0·09	0·27	6·90
	Jhang	28—29	0·48	0·41	0·76	0·38	0·46	1·04	3·51	2·05	0·64	0·17	0·07	0·34	10·31
	Montgomery	30—31	0·44	0·60	0·46	0·23	0·43	1·16	3·17	2·29	0·94	0·16	0·07	0·26	10·21
	Shahpur	36—37	0·80	1·02	0·90	0·60	0·65	1·11	3·56	3·20	1·63	0·17	0·28	0·38	14·30
	Rawalpindi	32—33	2·38	2·07	1·81	2·23	1·50	1·57	8·20	7·67	3·07	0·57	0·81	1·15	33·03
	Jhelum	29—30	1·66	1·24	1·54	1·05	0·81	1·84	7·24	6·07	2·19	0·55	0·31	0·84	25·34
	Gujrat	28—29	1·84	1·45	2·05	17	0·76	2·45	7·83	7·40	2·51	0·53	0·28	0·73	29·00
	Sialkot (Obsy.)	32—33	1·58	1·75	1·73	1·51	1·12	3·06	11·09	10·20	2·95	0·58	0·33	0·86	36·76
	Gujranwala	29	1·29	1·35	1·22	0·79	0·75	1·79	7·73	6·65	2·20	0·54	0·25	0·61	25·17
	Gurdaspur	33—34	1·89	1·84	1·50	0·53	0·81	3·66	10·02	7·75	3·35	0·54	0·17	1·06	33·12
	Lahore	31—33	0·71	1·13	0·96	0·56	0·86	1·80	7·23	4·95	2·15	0·51	0·15	0·49	21·50
	Amritsar	30—31	1·11	1·18	0·83	0·58	0·87	2·32	8·02	6·74	2·51	0·49	0·24	0·69	25·58
	Ferozepore	40—41	1·05	0·81	0·71	0·54	0·61	2·26	6·69	5·21	2·33	0·56	0·07	0·49	21·33
	Jullundur	38—39	1·41	1·23	1·18	0·59	0·79	2·40	8·19	7·24	3·27	0·46	0·11	0·62	27·49
	Hoshiarpur	32—34	1·69	1·57	1·41	0·61	0·91	3·26	10·66	9·47	4·20	0·38	0·15	1·12	35·43
	Ludhiana	32—35	1·37	1·17	1·50	0·84	1·09	2·32	9·57	6·80	4·23	1·08	0·10	0·82	30·89
	Umballa	39—41	1·49	1·45	0·98	0·61	0·94	3·89	11·80	8·73	4·56	0·53	0·21	0·65	35·84
	Sirsa	39—40	0·70	0·32	0·46	0·38	0·65	2·24	3·75	3·79	1·89	0·28	0·03	0·35	14·84
	Hissar	39—40	0·60	0·44	0·56	0·25	0·67	1·95	4·60	4·25	1·77	0·28	0·08	0·43	15·88
	Rohtak	37—39	0·74	0·56	0·58	0·25	0·67	2·77	6·04	5·39	2·72	0·42	0·02	0·46	20·62
	Delhi (Obsy.)	40—42	0·99	0·54	0·71	0·36	0·69	3·23	8·74	7·41	4·45	0·47	0·07	0·34	28·00
	Gurgaon	39—40	0·87	0·34	0·52	0·15	0·71	2·75	9·10	7·07	4·32	0·41	0·02	0·29	26·55
	Karnal	34—35	1·25	1·16	0·86	0·44	1·02	4·16	10·12	6·81	3·93	0·43	0·10	0·40	30·68
SIND	Kurrachee	33—35	0·69	0·25	0·15	0·16	0·18	2·90	1·75	0·76	0·05	0·21	0·19	0·05	7·34
	Sehwan	25—26	0·44	0·28	0·21	0·20	0·11	0·17	1·85	2·27	0·62	...	0·15	0·15	6·45
	Tatta	22—22	0·33	0·17	0·12	0·39	0·02	0·75	3·17	1·68	0·94	...	0·27	0·10	7·94
	Hyderabad (Obsy.)	24—28	0·28	0·20	0·13	0·18	0·14	0·40	2·68	3·14	0·68	...	0·14	0·03	8·00
	Umarkot	22—26	0·23	0·08	0·11	0·12	0·07	0·80	3·63	3·97	0·94	0·20	0·04	0·02	10·21
	Shikarpur	26—28	0·31	0·32	0·41	0·21	0·07	0·11	1·16	1·86	0·21	...	0·17	0·16	4·99

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
SIND—*concld.*	Rohri	29—30	0·33	0·48	0·41	0·27	0·19	0·27	1·21	1·48	0·31	0·01	0·14	0·19	5·29
	Jacobabad	30	0·26	0·26	0·30	0·19	0·12	0·07	1·31	1·35	0·22	0·01	0·16	0·12	4·37
CUTCH	Bhuj	21—30	0·06	0·15	0·09	0·13	0·14	2·22	5·41	3·47	2·12	0·77	0·02	0·08	14·66
	Rhahpur	13	0·04	0·06	0·08	0·09	0·19	0·91	6·80	3·67	2·61	0·74	...	0·01	15·20
	Nagar	26—28	0·17	0·10	0.05	0·03	0·33	1·76	5·57	5·75	1·58	0·30	0·01	0·03	15·68
RAJPUTANA	Jeysulmere	8	0·23	0·10	0·02	0·02	0·22	0·79	2·20	2·44	0·49	0·01	0·04	0·17	6·73
	Phalodi	6—7	0·12	0·10	0·11	0·04	0·25	0·83	2·81	3·41	0·63	...	...	0·06	8·36
	Bickaneer	13	0·24	0·23	0·15	0·21	1·17	1·73	3·42	3·29	1·04	0·04	0·06	0·06	11·64
	Nagar	7	0·20	0·10	0·04	0·04	0·37	2·37	3·99	4·65	2·18	0·11	...	0·08	14·13
	Didwana	6—7	0·32	0·16	0·21	0·11	0·50	1·56	5·77	6·29	1·77	0·19	0·05	0·11	17·04
	Jhunjhnu	8	0·46	0·21	0·18	0·11	0·46	3·55	8·02	5·36	2·25	0·30	0·02	0·18	21·10
	Khetri	4—5	0·49	1·11	0·35	0·18	0·28	3·11	9·61	7·31	1·89	0·56	...	0·07	24·96
	Sikar	4—6	0·24	0·24	0·08	0·12	0·12	2·55	7·22	6·49	0·54	0·50	0·02	0·09	18·21
	Sri Madhopur	5—6	0·36	0·66	0·37	0·21	0·76	3·34	11·13	9·38	1·60	0·06	...	0·23	28·10
	Ulwur	19	0·49	0·41	0·26	0·09	1·09	3·77	10·20	10·48	4·93	1·00	0·12	0·39	33·23
	Bhurtpore	23	0·38	0·20	0·18	0·13	0·58	2·06	8·78	8·22	4·18	0·44	0·02	0·21	25·38
	Bandikui	6	0·37	0·23	0·24	0·11	0·58	1·93	5·66	10·02	1·86	0·22	0·01	0·28	21·51
	Jeypore	22—24	0·33	0·20	0·26	0·20	0·55	3·08	9·27	7·53	3·00	0·26	0·10	0·36	25·14
	Sambhar	15—16	0·24	0·20	0·26	0·14	0·94	1·53	7·03	6·55	3·22	0·41	0·17	0·32	21·01
	Kerowlee	11	0·37	0·15	0·08	0·07	0·50	4·07	11·32	11·01	4·51	0·17	0·05	0·21	32·51
	Lalsot	8	0·30	0·10	0·01	0·03	0·14	2·86	8·68	11·23	2·73	0·33	0·06	0·10	26·57
	Tonk	19	0·13	0·25	0·17	0·07	0·38	3·18	9·74	10·64	2·68	0·66	0·03	0·19	28·12
	Siwai Madhopur	5—6	0·19	0·16	0·09	0·08	0·31	4·59	13·07	14·54	1·73	0·27	0·03	0·17	35·23
	Deoli	29	0·23	0·19	0·13	0·15	0·97	4·13	10·88	10·84	4·43	0·50	0·12	0·16	32·73
	Kotah	19	0·16	0·25	0·05	0·04	0·90	3·55	9·65	10·17	4·55	0·45	0·03	0·26	30·06
	Jhalrapatan	20	0·18	0·32	0·16	0·03	0·54	4·92	15·86	9·99	5·57	0·61	0·15	0·44	38·77
	Ajmere	28	0·25	0·34	0·35	0·09	0·71	2·44	6·82	7·63	3·02	0·34	0·13	0·26	22·38
	Nusseerabad	25	0·13	0·39	0·10	0·04	0·64	1·92	7·03	6·20	2·79	0·27	0·11	0·24	19·86
	Malpura	8	0·23	0·07	0·12	0·01	0·25	1·45	6·15	10·25	1·57	0·04	0·01	0·11	20·26
	Beawar	34—35	0·22	0·11	0·15	0·10	0·39	2·10	7·36	6·13	2·74	0·20	0·14	0·19	19·83
	Jodhpore	17	0·24	0.21	0·03	0·06	0·52	1·31	3·41	5·38	1·91	0·16	0·03	0·08	13·34
	Pachpadra	10—12	0·33	0·08	0·07	0·04	0·76	0·70	2·62	3·70	1·61	0·04	...	0·07	10·02
	Jasol	7	0·23	0·07	0·09	0·04	0·49	1·62	3·44	4·08	0·87	0·02	...	0·05	11·00
	Barmer	7—8	0·20	0·09	0·08	0·01	0·42	1·50	2·88	2·61	0·99	0·03	0·01	0·04	8·86
	Pali	7	0·15	0·06	...	...	0·33	2·71	4·07	6·41	0·93	0·10	...	0·03	14·79
	Shahpura	18	0·10	0·20	0·13	0·08	0·90	3·28	6·42	8·27	3·88	0·53	0·05	0·21	24·05
	Erinpura	23	0·13	0·24	0·08	0·03	0·52	1·59	5·54	4·96	2·50	0·37	0·07	0·11	16·14
	Sirohee	7	0·15	0·19	...	0·04	0·82	3·75	7·43	6·92	1·79	...	...	...	21·09
	Mount Abu	31	0·25	0·36	0·13	0·06	1·07	5·21	22·24	23·39	8·00	1·80	0·17	0·20	62·88
	Kotra	21	0·11	0·24	0·01	0·03	0·81	3·35	12·81	10·24	4·96	0·63	0·10	0·11	33·40
	Oodeypore	16—17	0·08	0·17	0·04	0·07	0·55	3·16	8·20	7·57	5·51	0·52	0·08	0·05	26·00

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA—*concld.*	Partabgarh . .	10—11	0·17	0·06	0·02	...	0·53	4·93	11·09	11·56	4·75	1·07	0 24	0·12	34·54
	Kherwara . .	33—34	0·08	0·18	0·03	0·02	0·45	4·26	9·08	8·24	4·40	0·60	0·10	0·07	27·51
	Banswara . .	17—18	0·40	0·15	...	...	0·40	5·65	12·19	11·93	8·05	0·95	0·14	0·32	40·18
CENTRAL INDIA	Neemuch (Obsy.) .	23—24	0·12	0·16	0·10	0·14	0·53	4·02	10·86	10·61	4·83	0·85	0·07	0·22	32·51
	Sirdarpore . .	23	0·21	0·21	0·01	0·01	0·25	5·51	10·24	6·71	7·48	1·05	0·20	0·15	32·03
	Agar . . .	22—23	0·26	0·36	0·04	0·07	0·52	4·87	11·21	9·80	7·19	0·56	0·14	0·39	35·41
	Rutlam . .	23	0·20	0·20	0·01	0·01	0·47	5·63	11·24	10·57	7·83	0·97	0·26	0·11	37·50
	Indore . . .	23	0·31	0·27	0·02	0·11	0·55	6·73	10·14	7·65	7·57	1·19	0·21	0·18	34·93
	Bhopal (Sehore) .	23	0·52	0·24	0·05	0·07	0·31	6·92	18·25	12·74	8·66	1·27	0·39	0·52	49·94
	Goona . . .	20	0·32	0·25	0·19	0·09	0·45	6·82	11·93	13·15	5·65	0·58	0·36	0·16	39·95
	Morar . . .	19	0·31	0·30	0·19	0·11	0·43	2·85	11·62	10·94	5·21	0·54	0·01	0·32	32·23
	Nowgong . .	22—23	0·54	0·33	0·19	0·11	0·30	5·26	15·55	13·60	6·32	1·02	0·13	0·45	43·80
	Sutna . . .	19	0·90	0·52	0·30	0·09	0·31	5·91	16·17	11·71	5·58	1·81	0·17	0·36	43·83
	Nagode . .	28	0·84	0·34	0·27	0·18	0·39	5·16	17·08	12·93	7·02	2·10	0·13	0·42	46·86
	Maihar . .	12—13	0·69	0·37	0·26	0·11	0·40	6·97	15·97	14·00	5·22	1·88	0·44	0·61	46·92
	Rewah . . .	19	0·87	0·77	0·28	0·27	0·45	9·23	18·08	15·54	7·22	2·11	0·21	0·35	55·38
	Chandia . .	9—10	0·88	0·21	0·26	0·08	0·45	9·68	20·47	18·49	6·95	2·48	0·20	0·53	60·68
	Ramnagar . .	9—10	0·91	0·28	0·14	0·07	0·19	9·34	14·77	16·19	6·12	2·19	0·11	0·63	50·94
	Sihawal (Bardi) .	9—10	0·94	0·14	0·71	0·09	0·54	5·92	14·58	15·60	7·49	2·10	0·46	0·62	49·19
	Teonthar . .	9	0·91	0·29	0·26	0·09	0·41	5·83	15·71	12·54	7·14	2·21	0·25	0·60	46·24
	Sohagpur . .	8—9	1·51	0·54	0·50	0·55	0·30	8·35	17·98	13·33	8·05	2·83	1·16	0·71	55·81
N.-W PROVINCES.	Chakrata . .	22	2·60	2·61	2·88	1·57	2·67	7·48	18·71	16·52	5·65	0·69	0·31	0·96	62·65
	Mussooree . .	26—38	2·49	2·84	2·60	1·56	2·62	9·52	31·46	31·54	9·84	0·95	0·35	1·02	96·79
	Srinagar . .	27	2·30	2·69	2·06	0·85	2·12	4·56	8·78	8·61	3·36	0·46	0·24	0·69	36·72
	Pauri . . .	40—41	2·64	2·61	2·20	1·19	2·49	5·37	13·68	12·81	4·87	0·58	0·28	0·69	49·41
	Ranikhet . .	20	2·24	1·90	1·99	1·19	2·70	6·10	13·55	12·13	6·70	0·89	0·28	0·87	50·54
	Almora . .	45—47	2·02	1·81	1·70	0·98	2·21	5·94	10·01	8·29	4·91	0·90	0·20	0·58	39·55
	Pithoragarh . .	27	2·05	2·23	1·95	1·42	3·22	7·49	13·04	11·23	5·68	1·19	0·07	0·70	50·27
	Naini Tal . .	40—41	3·08	2·73	2·41	1·69	2·94	15·02	26·66	25·04	11·80	1·64	0·20	1·21	94·42
	Dehra Dun . .	41—43	2·26	1·84	1·26	0·63	1·51	8·64	26·08	25·57	9·14	0·77	0·17	0·57	78·44
	Saharanpur . .	41—43	1·42	1·33	1·02	0·36	0·78	4·48	12·87	9·78	4·59	0·44	0·19	0·65	37·91
	Roorkee . .	36—37	1·98	1·40	0·93	0·37	1·07	4·89	13·14	12·42	5·55	0·58	0·19	0·39	42·91
	Muzaffarnagar .	41—43	1·31	0·91	0·90	0·40	0·90	3·73	10·63	7·91	4·81	0·40	0·09	0·30	32·29
	Bijnor . . .	41—43	1·26	1·01	0·87	0·46	0·72	4·69	11·21	10·02	5·92	0·47	0·07	0·32	37·02
	Meerut . .	41—43	1·00	0·76	0·70	0·37	0·78	3·38	9·47	9·39	4·13	0·43	0·05	0·33	30·79
	Moradabad . .	41—43	1·22	1·00	0·72	0·30	0·93	5·06	13·83	9·97	5·89	0·71	0·10	0·38	40·11
	Rudarpur . .	31	1·40	1·10	0·84	0·25	1·10	6·08	16·59	12·14	6·36	0·70	0·05	0·47	47·08
	Pilibhit . .	27	1·08	1·12	0·83	0·28	0·98	6·64	17·54	12·73	9·12	1·10	0·03	0·50	51·95
	Bulandshahr .	40—42	0·78	0·83	0·46	0·25	0·56	3·03	8·51	7·28	4·22	0·50	0·04	0·40	26·86
	Bareilly . .	41—43	1·00	0·71	0·67	0·24	0·83	6·01	14·68	9·55	6·99	1·19	0·07	0·29	42·23
	Budaun . .	41—43	0·83	0·54	0·47	0·13	0·46	3·80	11·55	8·64	6·32	0·77	0·06	0·29	33·86

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*concluded.*	Shahjahanpur .	41—43	0·91	0·67	0·55	0·17	1·05	5·64	12·65	9·40	6·95	1·15	0·09	0·26	39·49
	Aligarh . .	42—44	0·75	0·47	0·40	0·18	0·48	3·28	9·51	7·29	4·49	0·49	0·02	0·26	27·62
	Muttra . .	41—43	0·47	0·30	0·23	0·17	0·53	2·91	9·48	7·06	4·21	0·38	0·02	0·24	26·00
	Agra . . .	42—44	0·54	0·30	0·23	0·16	0·66	2·84	10·06	6·89	4·42	0·39	0·03	0·22	26·74
	Etah . . .	30—31	0·47	0·21	0·51	0·08	0·45	2·90	9·89	8·73	4·67	0·74	0·02	0·21	28·88
	Mainpuri . .	41—43	0·67	0·31	0·26	0·12	0·45	3·12	9·94	8·13	5·54	0·70	0·05	0·34	29·63
	Farrukhabad .	41—43	0·63	0·29	0·36	0·09	0·54	3·63	10·11	8·50	5·29	0·99	0·05	0·28	30·76
	Etawah . .	41—43	0·48	0·25	0·37	0·13	0·44	2·69	9·05	8·67	4·64	0·97	0·07	0·25	28·01
	Cawnpore . .	41—43	0·72	0·44	0·24	0·14	0·47	3·52	10·42	9·16	4·80	1·11	0·06	0·21	31·29
	Fatehpur . .	41—43	0·64	0·39	0·27	0·14	0·34	3·88	10·12	9·35	5·33	1·19	0·08	0·27	32·00
	Jalaun (Oral) .	29—30	0·39	0·24	0·16	0·05	0·23	2·94	11·03	10·69	5·08	0·64	0·01	0·23	31·69
	Hamirpur . .	41—43	0·51	0·32	0·20	0·10	0·32	4·16	11·81	8·91	4·99	0·90	0·12	0·31	32·65
	Banda . . .	41—43	0·71	0·33	0·27	0·11	0·35	3·98	12·43	9·91	5·85	1·23	0·20	0·25	35·62
	Allahabàd . .	41—43	0·76	0·40	0·40	0·14	0·31	4·68	12·47	10·05	6·72	2·16	0·21	0·21	38·51
	Basti . . .	24—25	0·75	0·41	0·24	0·20	1·19	6·54	13·93	11·61	9·20	2·36	0·01	0·13	46·57
	Gorakhpur . .	41—43	0·74	0·51	0·37	0·37	1·45	7·90	13·55	11·86	8·98	3·00	0·16	0·13	49·02
	Azamgarh . .	41—43	0·56	0·41	0·33	0·15	0·87	5·36	11·55	10·60	7·80	2·31	0·09	0·13	40·16
	Jaunpur . .	38—40	0·69	0·37	0·30	0·13	0·85	5·10	12·04	11·68	8·25	2·91	0·15	0·13	42·60
	Benares . .	41—43	0·74	0·46	0·34	0·14	0·59	5·07	12·67	11·08	6·64	2·60	0·15	0·14	40·02
	Mirzapur . .	41—43	0·74	0·58	0·56	0·12	0·53	4·62	13·03	12·14	6·99	2·02	0·25	0·17	41·75
	Ghazipur . .	41—43	0·75	0·59	0·29	0·11	0·76	4·66	11·04	9·94	7·26	2·64	0·29	0·13	38·46
	Ballia . . .	27	0·60	0·48	0·21	0·30	0·99	5·88	11·73	10·11	7·86	3·49	0·18	0·13	41·96
	Dudhi . . .	17	0·63	0·45	0·57	0·18	0·80	5·05	11·80	13·35	6·49	2·83	0·27	0·24	42·66
	Robertsganj . .	27	0·72	0·47	0·42	0·21	0·79	5·25	13·39	12·12	7·65	2·47	0·29	0·24	44·02
	Jhansi . . .	30—31	0·51	0·26	0·39	0·14	0·25	4·32	13·66	11·03	5·38	0·69	0·03	0·21	36·87
	Lalitpur . .	30—31	0·48	0·25	0·31	0·15	0·55	4·86	13·06	12·44	6·30	0·95	0·15	0·33	39·83
OUDH . .	Kheri . . .	23—24	1·10	0·66	0·55	0·22	1·06	6·79	11·84	11·80	8·40	1·53	0·02	0·42	44·39
	Sitapur . .	23—24	0·84	0·34	0·52	0·30	0·98	6·44	11·70	10·05	6·10	1·39	0·03	0·38	39·07
	Bahraich . .	23—24	0·80	0·73	0·38	0·37	1·46	6·30	14·49	9·76	8·09	1·56	0·04	0·44	44·42
	Gonda . . .	23	0·74	0·43	0·33	0·10	1·16	6·18	12·86	11·52	8·48	1·21	0·03	0·29	43·33
	Hardoi . . .	23—24	0·63	0·28	0·64	0·18	0·45	4·52	11·59	9·49	5·98	1·31	...	0·38	35·45
	Nawabganj (Bara Banki).	23—24	0·88	0·25	0·38	0·19	0·86	5·89	12·07	9·09	8·98	0·93	...	0·52	40·04
	Lucknow . .	23—24	0·82	0·26	0·28	0·11	0·79	5·32	11·49	10·79	7·15	1·21	0·01	0·45	38·68
	Unao . . .	23—24	0·72	0·31	0·28	0·12	0·54	4·96	10·96	10·18	5·17	1·33	...	0·34	34·91
	Fyzabad . .	23—24	0·82	0·33	0·44	0·21	1·06	5·83	13·30	11·12	9·09	1·67	0·03	0·22	44·12
	Sultanpur . .	23—24	0·67	0·31	0·19	0·24	0·68	6·25	13·06	11·11	8·36	1·70	0·03	0·22	42·82
	Rae Bareli . .	23—24	0·63	0·25	0·21	0·10	0·33	4·91	11·05	9·79	7·74	1·03	0·02	0·24	36·30
	Partabgarh . .	23—24	0·70	0·34	0·25	0·05	0·51	5·01	11·72	10·50	7·88	1·69	0·06	0·26	38·97
BENGAL . .	Motihari . .	31—33	0·53	0·30	0·49	0·60	2·53	8·79	11·81	12·10	9·04	3·55	0·09	0·14	49·97
	Darbhanga . .	20	0·65	0·42	0·27	0·62	2·48	8·16	12·66	11·45	9·21	2·68	0·05	0·15	48·80
	Siwán . . .	20—21	0·81	0·48	0·23	0·24	1·76	7·22	11·93	11·05	8·94	3·48	0·18	0·13	46·45

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*continued.*	Buxar . . .	22—23	0·78	0·35	0·26	0·15	0·98	5·20	11·48	10·39	7·41	3·04	0·23	0·19	40·46
	Chapra . .	35—38	0·73	0·44	0·38	0·36	1·45	6·32	11·14	9·33	7·24	2·82	0·23	0·08	40·52
	Arrah . . .	32—35	0·84	0·54	0·47	0·48	1·51	6·68	13·11	10·52	8·27	2·89	0·2	0·13	45·64
	Patna (Bankipore)	38—39	0·69	0·47	0·33	0·26	1·83	7·13	11·18	10·33	7·84	2·70	0 ·21	0·15	43·12
	Muzuffarpur .	32—35	0·86	0·49	0·43	0·49	2·33	7·22	11·39	10·33	8·35	2·81	0·09	0·07	44·86
	Barh . . .	20—21	0·58	0·52	0·33	0·11	2·35	5·15	12·75	9·80	7·73	?·82	0·24	0·11	42·49
	Sasaram . .	20—21	0·48	0·47	0·37	0·16	1·04	5·08	11·42	12·42	6·75	3·24	0·24	0·25	41·92
	Gaya . . .	29—31	0·71	0·56	0·43	0·27	1·20	6·48	12·09	10·94	7·05	2·24	0·23	0·18	42·38
	Jamuí . . .	19—21	0·77	0·60	0·40	0·45	2·08	7·14	12·66	11·88	7·26	2·39	0·10	0·08	45·81
	Madhipura . .	20—21	0·63	0·57	0·35	0·96	4·14	8·87	12·80	11·67	10 47	4·13	0·06	0·08	54·73
	Monghyr . .	36—39	0·49	0·63	0·41	0·43	2·13	6·88	11·81	10·71	8·48	3·66	0·24	0·10	45·97
	Bhagalpur . .	36—37	0·53	0·65	0·37	0·80	2·69	8·38	11·70	10·94	7·70	3·87	0·21	0·09	47·93
	Godda . . .	18—19	0·52	0·53	0·40	0·44	3·70	7·45	11·39	11·43	9·33	3·06	0·13	0·11	48·49
	Palámau . .	20—21	0·75	0·46	0·66	0·28	1·37	5·98	12·90	11·85	7·68	2·65	0·42	0·26	45·26
	Hazaribagh . .	29—31	0·53	0·72	0·69	0·35	1·67	8·05	13·22	13·08	7·81	3·22	0·35	0·21	49·90
	Ranchi . .	33—35	0·75	0·98	1·31	0·60	2·33	7·72	12·64	12·08	8·23	3·06	0·33	0·20	50·23
	Lohardaga . .	7—8	0·84	0·49	0·76	0·27	2·28	7·98	12·91	15·21	9·62	2·02	0·55	0·41	53·34
	Naya Dumka .	20	0·60	0·67	0·67	1·04	3·57	9·21	13·92	14·09	10·02	4·33	0·34	0·21	58·67
	Gobindpur . .	19—20	0·50	0·82	0·46	0·57	1·90	7·31	11·60	11·87	6·86	3·81	0·20	0·18	46·08
	Purulia . .	26—28	0·43	0·89	0·87	0·82	2·75	9·00	11·42	12·61	7·71	3·50	0·25	0·24	50·49
	Sirguja . .	9—10	1·07	0·16	0·57	0·28	0·71	8·77	16·81	23·51	7·09	1·39	0·81	0·41	61·58
	Jushpore . .	8—9	1·09	0·20	1·30	0·16	1·61	12·00	15·99	16·68	9·38	3·94	0·79	0·51	63·65
	Gangpur . .	8—9	0·33	0·90	1·07	0·82	1·12	8·50	14·20	16·44	7·94	1·97	1·01	0·59	54·89
	Chaibassa . .	21—22	0·68	0·78	1·16	0·67	3·99	8·44	13·56	13·26	8·07	2·93	0·33	0·34	54·21
	Barreepudda .	12	0·25	0·74	1·32	1·39	4·84	10·53	12·16	12·23	11·69	4·39	0·96	0·20	60·70
	Keonjhar . .	10—11	0·14	0·17	0·25	0·49	1·60	4·42	9·66	5·86	5·37	2·01	1·06	0·26	31·29
	Jelasore . .	17—18	0·64	0·97	1·16	1·24	3·64	8·02	13·98	11·04	10·81	4·93	0·68	0·15	57·26
	Balasore . .	31—32	0·68	1·23	1·69	2·89	4·99	9·85	11·43	12·58	12·68	6·87	1·25	0·24	66·38
	Bhadrak . .	70—21	0·38	1·23	1·47	1·83	5·15	8·93	11·83	11·01	10·56	4·76	1·41	0·35	58·91
	Talcher . .	10	0·25	0·74	0·98	0·61	2·08	7·97	15·05	10·86	8·30	2·77	1·62	0·36	51·59
	Narsingpur . .	4—5	0·29	0·06	0·50	0·03	1·03	7·84	8·63	8·66	4·98	4·06	2·79	0·15	39·02
	Angul . . .	10—11	0·21	0·94	0·66	0·88	2·03	8·95	11·74	10·52	8·76	5·10	1·62	0·60	52·01
	Dhenkanal . .	10	0·29	0·72	1·13	0·54	2·25	9·86	15·92	12·96	9·98	4·05	1·40	0·48	59·58
	Bispara . .	9—10	0·37	0·27	0·46	0·41	2·06	9·17	12·14	9·41	8·89	4·59	1·44	0·48	49·69
	Kunjabangar .	9—10	0·16	0·35	1·43	1·66	3·51	9·41	12·02	12·52	12·26	5·70	2·10	0·20	61·32
	Banki (Charchika) .	10—11	0·18	0·54	1·58	0·40	2·59	9·21	11·80	10·14	9·24	4·73	2·31	0·68	53·40
	Cuttack . .	30—33	0·37	0·53	1·19	1·35	3·28	10·81	12·70	11·81	9·93	5·66	1·43	0·45	59·51
	False Point . .	23—24	0·54	0·89	1·08	2·04	3·46	9·29	13·96	13·58	11·12	10·29	2·94	0·63	69·82
	Puri . . .	33—36	0·25	1·04	0·57	0·83	2·59	7·77	10·07	11·30	9·98	8·31	2·59	0·71	56·01
	Darjeeling . .	30—33	0·77	1·11	2·17	3·95	7·41	24·59	31·99	26·42	17·38	6·08	0·20	0·19	122·26
	Pedong . .	4	1·32	0·56	3·03	5·27	8·02	14·11	27·26	24·79	13·24	2·05	0·26	0·64	100·55

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
BENGAL—*concluded.*	Buxa	21—22	1·18	0·96	3·16	8·47	20·30	43·89	49·33	43·73	31·35	10·28	0·50	0·54	213·69
	Jalpaiguri	21—22	0·61	0·33	1·71	3·93	11·04	29·86	27·32	26·02	23·33	5·66	0·14	0·08	130·03
	Kuch Bihar	19—20	0·55	0·39	1·74	5·55	13·97	36·75	23·71	22·82	21·63	5·72	0·12	0·09	133·04
	Kishanganj	19—20	0·73	0·41	0·59	1·77	6·10	16·78	17·40	16·12	14·47	3·50	0·07	0·13	78·07
	Purnea	20—21	0·54	0·51	0·37	1·28	4·36	11·10	14·70	14·37	14·10	3·79	0·08	0·14	65·34
	Rangpur	30—34	0·52	0·38	1·08	3·05	10·36	21·42	15·73	12·92	13·33	5·14	0·28	0·11	84·32
	Dinajpur	31—33	0·36	0·56	0·74	2·23	7·74	17·08	14·95	13·34	12·84	4·90	0·21	0·09	75·04
	Malda	33—35	0·71	0·70	0·81	1·29	3·82	9·91	10·64	10·38	11·15	4·30	0·22	0·31	54·24
	Bogra	28—31	0·49	0·91	0·86	3·16	8·41	15·34	15·75	12·29	12·19	4·67	0·78	0·11	74·96
	Rampur Boalia	32—36	0·33	0·87	1·16	1·73	5·44	10·83	11·74	10·45	10·88	4·86	0·35	0·08	58·72
	Pabna	27—29	0·38	1·07	1·67	3·42	6·62	11·67	10·51	12·35	10·94	4·45	0·61	0·10	63·79
	Suri	28—31	0·46	0·91	0·66	0·92	3·24	10·38	12·87	12·98	9·80	3·68	0·29	0·16	56·35
	Bankura	33—36	0·35	1·02	1·38	1·59	3·46	9·88	12·92	12·03	8·58	4·49	0·54	0·16	56·40
	Burdwan	30—31	0·34	0·73	1·25	2·26	4·96	9·84	12·50	11·99	8·39	4·27	0·71	0·16	57·40
	Hooghly	26—27	0·45	1·31	1·67	2·58	5·44	10·50	11·84	12·57	7·78	3·98	0·46	0·25	58·83
	Howrah	22—23	0·56	1·27	1·77	1·94	4·86	11·10	12·41	13·02	9·06	4·36	0·50	0·26	61·11
	Midnapore	25—27	0·73	0·97	1·34	1·60	5·24	9·79	12·30	12·29	8·14	4·83	0·47	0·26	57·96
	Tamluk	20	0·36	1·22	1·63	1·53	4·86	9·29	12·01	14·05	8·56	4·48	0·28	0·26	58·53
	Berhampore	36—38	0·46	0·92	1·11	1·83	4·86	9·54	10·59	10·84	9·59	5·16	0·42	0·12	55·44
	Krishnagar	27—30	0·43	0·97	1·19	2·37	6·22	9·69	10·36	10·99	7·89	4·65	0·70	0·14	55·60
	Faridpur	24	0·42	1·20	2·67	3·93	8·07	13·03	12·61	12·29	9·35	4·44	0·74	0·11	68·86
	Jessore	31—36	0·54	0·80	2·05	4·35	7·18	13·46	11·57	11·65	9·19	5·57	1·04	0·18	67·58
	Basirhat	20—21	0·46	1·01	1·99	2·21	6·16	11·00	12·74	12·93	8·51	4·94	0·48	0·21	62·64
	Khulna	19—20	0·60	1·13	2·03	3·14	6·01	12·64	11·96	11·85	9·41	4·64	0·56	0·30	64·27
	Barisal	25—26	0·68	0·94	2 25	3·58	7·40	16·73	16·66	13·13	11·21	5·04	1·11	0·25	78·98
	Calcutta (Chowringhee.)	9—10	0 61	1·31	1·29	1·49	5·06	10·75	13·59	14·31	10·23	4·78	0·86	0·41	64·63
	Alipore (Jail)	20—21	0·71	1·45	1·60	1·80	5·20	10·13	13·27	13·76	9·81	4·57	0·56	0·30	63·16
	Alipore (Obsy.)	13—14	0·41	1·20	1·31	1·57	5·52	9·93	12·94	13·70	9·72	4·00	0·68	0·52	61·50
	Saugor Island	23—24	0·31	1·13	1·27	1·21	4·42	10·91	15·36	15·54	12·23	9·67	1·08	0·27	73·40
	Mymensingh	29—31	0·40	1·12	2·15	5·42	11·83	20·73	16·35	14·68	13·97	5·60	0·74	0·11	93·10
	Kishorganj	20—21	0·61	0·78	2·86	5·08	10·71	18·94	12·98	13·18	13·01	5·21	0·47	0·27	84·10
	Atia (Tangail)	20—21	0·49	1·07	1·37	3·53	7·59	12·89	11·17	11·76	9·14	5·00	0·48	0·08	64·57
	Dacca	40—42	0·36	0·99	2·55	5·74	9·08	13·29	13·07	12·35	9 72	5·17	0·72	0·19	73·23
	Comilla	33—34	0·60	0·87	2·89	6·40	10·28	18·31	17·78	16·36	11·18	5·39	1·26	0·24	91·56
	Agartalla	18—19	0·78	1·03	4·53	5·44	10·92	14·21	11·51	12·94	9·90	4·67	1·05	0·37	77·37
	Noakhali	32—34	0·52	0·86	2·86	4·25	9·38	23·52	21·43	23·14	16·28	7·73	1·75	0·35	112·07
	Demagiri	13—14	0·62	1·23	3·73	4·96	11·41	19·78	17·31	20·49	17·71	6·83	1·78	0·75	106·60
	Rangamati Hill	22	0·53	1·15	2·92	4·01	9·57	17·68	18·77	18·65	12·16	6·46	1·79	0·50	94·19
	Chittagong	32—36	0·52	1·12	2·03	4·52	8·96	22·86	22·98	21·06	13·84	5·57	1·60	0·55	105·61
	Cox's Bazar	20—21	0·70	0·47	1·77	2·49	10·01	32·75	40·86	28·42	14·96	7·63	2·42	0·36	142·84

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ASSAM	Sylhet . . .	34—38	0·39	1·43	6·32	14·75	21·51	32·35	25·33	26·14	20·72	7·86	1·06	0·27	158·13
	Silchar . .	33—34	0·67	2·33	8·25	13·27	15·91	19·94	20·18	18·22	13·87	5·94	1·11	0·61	120·30
	Cherra Poonjee .	27—34	0·85	2·32	9·68	29·89	51·57	116·55	115·39	80·04	54·96	12·49	1·59	0·28	475·61
	Tura . . .	20—21	0·68	0·74	1·87	6·10	15·92	26·46	23·31	20·86	20·75	7·99	0·45	0·12	125·25
	Shillong . .	24—25	0·50	0·74	1·92	3·75	9·54	18·29	13·68	13·75	15·14	6·12	1·03	0·30	84·76
	Dhubri . .	19—21	0·42	0·52	1·92	5·16	14·87	28·87	14·63	12·37	12·68	4·23	0·12	0·16	95·95
	Goalpara . .	29	0·52	0·54	2·24	6·46	13·61	24·65	17·76	12·18	11·41	4·18	0·20	0·27	94·02
	Kulsi . . .	10	0·55	0·51	2·21	6·20	10·62	15·82	15·84	12·68	10·06	3·50	0·18	0·12	78·29
	Gauhati . .	39—42	0·64	0·89	2·42	6·05	9·83	12·91	12·54	10·89	8·00	2·97	0·59	0·27	68·00
	Nowgong . .	35—38	0·87	1·03	2·46	5·55	9·30	13·10	16·68	14·93	11·21	3·94	0·50	0·26	79·83
	Tezpur . .	33—37	0·65	0·88	2·30	6·01	9·55	13·56	15·01	12·48	9·33	3·07	0·80	0·59	74·23
	Chardner . .	10	1·02	1·14	2·07	5·40	10·21	16·70	15·43	17·83	13·63	5·68	0·29	1·15	90·55
	Sibsagar . .	34—36	1·22	2·15	4·54	9·73	11·39	14·66	15·75	15·61	11·78	5·11	1·21	0·60	93·75
	Dibrugarh . .	27—30	1·47	2·39	5·80	9·75	13·85	18·86	19·52	18·11	13·83	5·96	1·27	0·91	111·72
	Kohima . .	12	0·74	1·10	2·92	4·01	7·31	14·04	17·67	14·22	10·15	3·17	1·23	0·47	77·03
CENTRAL PROVINCES.	Saugor . .	32—35	0·67	0·50	0·17	0·19	0·56	6·75	16·59	12·22	7·30	1·24	0·37	0·59	47·15
	Damoh . .	32—34	0·56	0·36	0·20	0·24	0·36	6·76	16·41	13·71	7·17	1·63	0·29	0·48	48·17
	Jubbulpore . .	45—47	0·67	0·46	0·50	0·23	0·48	8·41	18·99	14·39	8·03	1·56	0·35	0·27	54·34
	Narsingpur . .	33—36	0·43	0·32	0·26	0·26	0·46	8·26	15·74	12·33	8·24	1·61	0·20	0·40	48·51
	Hoshangabad .	32—36	0·34	0·16	0·21	0·06	0·49	6·47	15·56	13·08	10·17	1·22	0·35	0·51	48·62
	Khandwa . .	25—27	0·31	0·25	0·08	0·10	0·31	6·25	9·89	7·07	6·20	1·15	0·16	0·50	32·27
	Badnur (Betul) .	34—38	0·47	0·31	0·60	0·30	0·53	7·49	13·44	9·26	8·03	1·89	0·40	0·53	43·25
	Pachmarhi . .	19—20	0·55	0·28	0·31	0·32	0·58	10·34	28·19	19·38	14·41	2·16	0·45	0·64	77·61
	Chhindwara . .	27—28	0·71	0·32	0·44	0·30	0·64	9·47	11·81	8·37	8·41	2·19	0·39	0·43	43·48
	Seoni . . .	32—34	0·67	0·81	0·47	0·57	0·80	9·93	16·09	11·43	8·20	2·06	0·37	0·70	52·10
	Balaghat . .	24	0·49	0·56	0·31	0·45	0·82	12·43	23·40	17·48	9·09	1·72	0·47	0·30	67·52
	Mandla . .	31—34	0·60	0·55	0·73	0·55	0·49	9·48	18·69	12·80	6·40	1·60	0·24	0·35	52·48
	Bilaspur . .	26—28	0·53	0·27	0·76	0·75	0·90	8·58	13·85	11·49	7·76	1·63	0·50	0·27	47·29
	Chappa . .	19—20	0·25	0·18	0·32	0·36	0·28	6·43	15·31	11·62	7·83	1·41	0·36	0·17	44·52
	Sarangarh . .	12	0·22	0·27	0·52	0·18	0·54	7·34	15·96	14·01	6·95	3·33	0·94	0·24	50·50
	Raigarh . .	9—10	0·24	0·25	0·33	0·13	0·62	7·93	19·31	21·39	8·69	2·37	0·69	0·37	62·32
	Sambalpur . .	28—30	0·63	0·56	0·73	0·49	1·45	12·31	18·42	15·98	8·49	2·36	0·41	0·33	62·16
	Raipur . . .	26—28	0·30	0·25	0·55	0·60	0·80	10·07	14·83	12·35	7·67	2·09	0·75	0·26	50·52
	Dhamtari . .	24	0·21	0·34	0·28	0·18	1·34	9·34	16·26	10·72	7·13	2·00	0·43	0·17	48·40
	Bhandara . .	26—28	0·87	0·52	0·51	0·54	1·01	8·62	17·86	13·26	9·45	1·72	0·74	0·43	55·53
	Nagpur . . .	43—44	0·58	0·38	0·58	0·45	0·75	8·86	13·33	9·06	7·85	2·25	0·49	0·51	45·09
	Arvi . . .	21—22	0·59	0·21	0·50	0·19	0·75	6·01	10·33	7·54	7·31	2·55	0·37	0·50	36·85
	Wardah . .	26—28	0·32	0·25	0·29	0·31	0·75	6·54	13·20	8·88	7·62	2·30	0·60	0·47	41·53
	Brahmapuri . .	24	0·42	0·17	0·58	0·32	0·75	9·52	19·18	13·02	8·81	1·96	0·61	0·50	55·84
	Chanda . .	26—28	0·19	0·62	0·96	0·67	2·16	7·71	16·58	12·02	8·61	2·25	0·80	0·41	52·98

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL PROVINCES—*concluded.*	Sironcha . .	26—28	0·21	0·32	0·42	0·44	1·70	7·20	14·07	11·48	8·31	2·52	0·69	0·28	47·64
	Bastar (Jagdalpore)	8—9	0·11	0·07	0·39	2·77	1·96	11·38	16·61	14·33	9·03	2·41	1·25	0·38	60·69
BERAR . .	Makhla . .	12—13	0·31	0·21	0·31	0·14	0·43	11·06	23·51	16·79	13·79	3·71	0·81	1·02	72·09
	Chikalda . .	19—20	0·55	0·17	0·39	0·22	0·51	11·31	19·72	16·91	12·36	4·41	0·71	1·08	68·34
	Ellichpur . .	30—31	0·40	0·14	0·36	0·27	0·36	6·17	8·06	5·59	5·38	2·53	0·63	0·61	30·50
	Amraoti . .	31—32	0·46	0·20	0·32	0·28	0·63	7·03	9·50	6·77	5·28	1·77	0·35	0·56	33·15
	Akola . . .	29—30	0·48	0·13	0·42	0·15	0·22	5·34	8·55	6·54	5·68	2·34	0·50	0·75	31·10
	Buldana . .	29—30	0·64	0·13	0·24	0·25	0·53	6·42	8·33	7·69	6·33	2·37	0·51	0·59	34·03
	Basim . . .	25	0·34	0·12	0·21	0·33	0·53	8·13	11·36	7·56	6·72	2·03	0·87	0·61	38·81
	Yeotmal . .	26	0·26	0·15	0·36	0·30	0·87	7·68	13·74	8·97	6·91	2·62	0·56	0·53	42·95
	Wun . . .	24—26	0·31	0·12	0·49	0·11	0·44	6·95	13·68	10·65	6·73	1·71	0·74	0·40	42·33
BOMBAY . .	Dhulia . . .	21—30	0·35	0·07	...	0·08	0·37	5·27	4·95	3·90	4·55	1·83	0·72	0·38	22·47
	Nasik . . .	30—34	0·09	0·63	0·04	0·10	0·62	5·77	7·40	5·05	5·23	3·90	0·59	0·28	29·10
	Igatpuri . .	21—28	0·19	0·08	0·04	0·06	1·07	21·96	48·70	34·11	16·38	4·75	0·43	0·25	128·02
	Malegaon . .	21—30	0·27	0·15	0·01	0·23	0·64	5·13	4·11	4·04	6·11	2·42	0·55	0·49	24·15
	Ahmednagar .	34	0·34	0·06	0·15	0·42	1·26	4·50	2·97	3·99	6·83	3·43	1·04	0·53	25·52
	Poona . . .	47	0·22	0·03	0·15	0·54	1·58	5·40	6·69	3·98	4·50	4·05	0·93	0·24	28 31
	Lanauli . . .	17	0·09	0·01	0·09	0·09	0·53	28·69	67·03	41·89	20·71	4·09	0·77	0·25	164·24
	Satara . . .	35—36	0·34	0·07	0·10	0·84	1·50	7·61	13·40	7·18	4·72	3·70	1·61	0·52	41·59
	Mohableshwar .	34—36	0·40	0·04	0·37	0·87	1·33	48·10	104·19	70·16	31·35	5·69	1·34	0·40	264·24
	Sholapur . .	37—38	0·08	0·10	0·24	0·69	1·12	4·57	4·42	5·93	7·56	3·66	0·87	0·38	29·62
	Kolhapur . .	29—31	0·06	0·01	0·08	1·31	2·10	7·39	12·31	6·86	4·18	5·15	0·85	0·24	40·54
	Baura . . .	17—19	0·32	0·01	0·03	0·44	2·19	53·89	89·99	59·63	31·86	10·85	1·97	0·57	251·75
	Belgaum . .	38—39	0·08	0·02	0·49	1·92	2·76	9·30	15·29	8·79	3·87	5·04	1·36	0·28	49·20
	Gokak . . .	22—29	0·07	...	0·33	1·10	1·87	3·28	2·26	2·20	3·75	6·05	1·12	0·80	22·83
	Dharwar . .	24—31	0·16	0·01	0·27	1·39	2·71	5·06	6·32	4·71	3·82	6·14	2·16	0·49	33·24
	Hubli . . .	20—27	0·13	...	0·22	1·38	2·45	4·09	4·39	3·03	3·56	5·64	1·38	0·27	26·54
	Nargund . .	20—27	0·24	0·09	0·17	1·02	2·30	2·76	1·89	2·86	4·77	6·21	0·92	0·36	23·59
	Mandargi . .	17	0·30	...	0·17	0·81	2·04	1·94	1·93	2·05	4·52	4·24	1·59	0·13	19·72
	Kalghatgi . .	20—27	0·12	...	0·19	1·24	1·83	5·73	7·51	4·63	3·59	5·01	1·38	0·27	31·50
	Bijapur . .	21—29	0·08	0·02	0·16	0·76	0·99	3·44	2·42	3·71	6·38	4·68	1·41	0·79	24·84
	Honawar . .	27—29	0·22	...	0·12	0·30	3·50	42·47	43·43	27·47	14·74	6·79	1·22	0·16	140·42
	Karwar . .	29—30	0·16	...	0·05	0·34	2·91	37·09	38·59	21·83	12·16	5·41	1·69	0·14	120·37
	Goa . . .	30—31	0·21	...	0·02	0·09	1·50	33·40	34·23	20·06	10·00	4·52	1·19	0·10	105·32
	Vingurla . .	22—29	0·27	...	0·07	0·11	1·97	35·41	36·35	21·55	11·35	4·72	0·90	0·22	112·92
	Ratnagiri . .	22—34	0·88	0·01	...	0·14	1·27	32·16	33·90	20·54	12·50	3·41	0·78	0·08	105·67
	Colaba (Obsy.) .	44—74	0·14	0·02	0·01	0·03	0·51	20·80	24·76	14·94	10·63	1·82	0·51	0·06	74·23
	Byculla (J. J. Hospital).	22—29	0·20	0·01	0·01	...	0·37	21·85	27·83	16·93	11·76	2·69	0·14	0·05	81·84
	Tanna . . .	24—33	0·19	0·06	...	...	0·36	25·44	36·19	20·86	11·88	3·09	0·21	0·06	98·34
	Matheran . .	20	0·12	0·01	0·01	0·02	0·66	37·31	86·89	54·60	28·77	4·82	1·09	0·06	214·36
	Surat . . .	22—28	0·04	0·02	...	...	0·20	9·75	14·56	9·15	6·67	1·39	0·15	0·04	41·97

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—*concluded.*	Broach	22—29	0·06	0·02	0·01	...	0·14	6·82	14·64	8·65	6·48	1·46	0·19	0·04	38·51
	Kaira	22—30	0·04	0·18	0·01	0·04	0·41	4·37	14·25	9·00	4·47	0·44	0·32	0·07	33·60
	Bariya	22	0·07	0·26	...	...	0·29	5·96	17·61	11·96	9·02	0·86	0·11	0·10	46·24
	Godhra	22—25	0·05	0·13	0·01	0·01	0·48	5·34	15·76	11·56	7·56	0·98	0·15	0·09	42·12
	Dohad	18	0·07	0·18	0·02	0·03	0·44	3·56	9·32	8·10	6·51	1·13	0·14	0·14	29·64
	Ahmedabad	22—30	0·02	0·09	0·02	0·03	0·63	3·61	11·17	8·29	3·92	0·54	0·14	0·04	28·50
	Edar	21—23	0·04	0·16	...	0·03	0·73	3·97	16·47	11·60	5·99	0·35	0·15	0·06	39·55
	Deesa	33—35	0·13	0·17	0·08	0·05	0·20	2·23	9·45	8·34	2·99	0·72	0·09	0·04	24·49
	Wadhwan	20	0·06	0·06	0·04	0·01	0·23	2·71	7·40	3·34	3·38	0·36	0·52	0·03	18·14
	Palanpur	19—23	0·09	0·22	0·05	0·01	0·75	2·35	11·01	11·50	4·59	0·62	0·06	0·06	31·31
	Rajkot	24—30	0·05	0·09	0·01	0·01	0·36	5·11	10·59	6·49	3·87	0·68	0·33	0·07	27·66
	Songad	16	0·05	0·09	0·04	0·04	0·30	2·97	9·74	4·35	5·27	1·24	0·10	0·04	24·23
	Jetalsar	3—4	0·15	0·20	...	...	0·04	3·37	11·20	4·23	2·26	1·06	1·08	0·01	23·60
HYDERABAD	Aurangabad (Cantt.)	16	0·18	0·03	0·06	0·17	0·72	6·32	7·20	5·44	7·18	2·88	0·79	0·89	31·86
	Jalna	12	0·18	0·04	0·06	0·06	0·60	6·60	6·69	4·85	7·26	3·55	1·25	1·16	32·30
	Hingoli	27	0·44	0·13	0·18	0·52	0·76	7·00	10·86	7·71	6·90	2·63	1·05	0·51	38·69
	Hingoli (Parbhani)	15	0·07	0·03	0·08	0·30	0·68	6·15	7·59	6·91	7·41	3·17	0·91	0·36	33·66
	Nandair (Nandair)	15	0·16	0·06	0·25	0·28	0·83	6·70	9·49	8·68	7·36	2·96	0·86	0·86	38·49
	Bheer (Bheer)	15	0·16	0·01	0·13	0·27	0·33	5·49	5·75	5·89	7·49	3·01	1·31	0·85	30·69
	Mominabad	10—11	0·26	0·08	0·26	0·61	0·54	6·80	6·23	6·36	8·99	2·91	1·65	1·48	36·17
	Indur (Indur)	15	0·04	0·01	0·28	0·29	0·32	4·85	11·21	9·92	7·14	2·45	1·08	0·55	38·14
	Kurreemnugger (Yelgandal).	15	0·14	0·13	0·43	0·49	1·07	5·08	7·95	7·05	6·67	3·06	1·30	0·47	33·84
	Kundy (Medak)	15	0·02	0·11	0·30	0·68	0·72	4·80	7·65	8·92	7·30	2·31	1·05	0·28	34·14
	Shumsabad (Ibrahimpatan).	15	0·06	0·05	0·52	0·73	1·25	4·77	6·30	7·00	6·10	2·77	1·73	0·25	31·53
	Sundanully (Ibrahimpatan).	3—4	...	...	0·04	0·30	1·64	4·44	5·58	7·50	9·92	1·98	1·91	0·19	33·50
	Daraseo (Naldurg)	15	...	0·02	0·15	0·35	1·16	6·56	6·27	7·79	9·74	3·45	1·01	0·57	37·07
	Bidar (Bidar)	15	...	...	0·33	0·85	1·00	6·29	9·12	9·69	8·79	3·52	1·26	0·87	41·72
	Gulbarga (Gulburga)	15	0·08	0·11	0·21	0·68	1·31	4·67	4·75	6·42	6·39	3·00	0·74	0·39	28·75
	Bolarum	21	0·12	0·16	0·42	0·52	1·30	3·84	6·36	6·82	5·61	3·20	1·05	0·46	29·86
	Secunderabad	47—48	0·26	0·20	0·67	0·70	1·41	3·81	5·89	5·88	5·25	3·19	0·93	0·26	28·45
	Hyderabad (Residency).	22	0·12	0·05	0·25	0·60	1·00	4·47	6·04	6·58	7·01	3·35	1·33	0·58	31·38
	Zanawada (Hyderabad).	3—4	...	...	0·01	0·49	1·89	5·60	5·04	7·74	7·17	1·86	0·95	0·03	30·78
	Bonghur (Nalgonda)	15	0·15	0·01	0·37	0·42	1·23	3·44	4·04	4·82	5·63	3·67	1·92	0·18	25·88
	Hanamconda (Warangal).	15	0·27	0·18	0·93	0·35	1·00	4·78	8·15	6·74	6·24	2·40	1·20	0·44	32·68
	Sirpur Tandur (Sirpur Tandur).	6—7	0·08	0·18	0·21	0·21	0·38	8·74	15·32	7·59	4·95	2·02	1·22	1·52	42·42
	Palmoor (Mahboobunggur).	15	0·04	0·10	0·29	0·60	1·56	4·20	6·85	6·50	5·51	3·09	0·76	0·41	29·91
	Raichur (East Raichur).	15	0·04	...	0·23	0·70	1·07	4·13	4·19	5·37	5·27	3·84	1·18	0·17	26·19
	Raichur (Cantt.)	6—7	...	...	0·64	0·48	2·19	4·36	4·56	5·43	5·16	2·37	1·50	0·29	26·98
MADRAS	Rambha	27—28	0·13	0·52	0·86	0·72	1·40	5·08	5·59	6·13	8·34	9·19	2·47	1·08	41·51
	Gopalpur	10—11	0·15	0·51	0·61	0·54	1·95	6·54	7·96	8·29	7·30	10·79	6·11	1·32	52·07
	Aska	27—28	0·20	0·51	1·24	1·36	3·17	5·95	6·79	8·65	8·56	6·74	2·58	0·63	46·38

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*contd.*	Vizianagram	28	0·14	0·39	0·83	0·38	2·36	4·47	4·97	6·65	7·57	7·95	2·66	1·41	39·78
	Bimlipatam	31	0·25	0·43	0·20	0·16	1·90	3·30	3·46	4·26	6·23	8·00	2·76	1·19	32·14
	Rayaghadda	10	0·09	0·09	1·04	1·56	3·57	7·81	10·34	10·65	5·68	3·92	2·17	0·61	47·53
	Nourangapur	8—9	0·13	0·24	0·33	0·96	1·47	8·76	21·17	18·91	10·37	2·91	1·26	0·14	66·65
	Gunipur	7—9	0·04	0·37	1·13	1·71	2·42	6·38	10·49	10·16	5·78	4·17	2·79	0·55	45·99
	Jeypur	9	...	...	0·41	0·89	2·02	13·88	21·31	20·44	11·89	4·43	2·05	0·08	77·40
	Koraput	10	0·03	0·01	0·30	0·86	1·85	10·67	16·22	14·19	9·25	4·22	1·71	0·31	59·62
	Malkanagiri	7—9	0·02	...	0·17	0·82	1·37	10·07	20·15	16·88	14·00	2·80	1·44	0·08	67·80
	Narsapatnam	21	0·28	0·36	0·97	1·05	4·08	4·74	5·85	5·64	8·52	7·91	3·32	1·06	43·78
	Vizagapatam	25	0·32	0·22	0·37	0·55	2·92	4·49	4·95	6·17	7·47	11·14	4·75	1·95	45·30
	Cocanada	28	0·21	0·20	0·17	0·39	2·13	4·54	5·53	5·37	6·55	8·67	3·88	0·92	38·56
	Rajahmundry	29	0·15	0·23	0·23	0·82	3·18	4·79	7·29	6·48	7·00	6·56	1·89	0·20	38·82
	Ellore	28	0·21	0·11	0·40	0·53	1·47	4·51	5·88	6·59	7·10	5·97	2·58	0·38	35·73
	Masulipatam	28	0·23	0·10	0·30	0·09	1·61	4·67	5·38	6·00	6·29	8·35	4·44	0·69	38·15
	Guntur	31	0·31	0·12	0·49	0·53	1·78	3·66	4·90	5·98	5·59	6·51	2·38	0·47	32·72
	Vinukonda	21	0·26	0·01	0·25	0·32	1·54	2·64	2·94	4·04	4·50	6·50	3·49	0·73	27·22
	Ongole	21	0·28	0·03	0·21	0·20	1·64	2·03	3·03	3·76	5·22	9·56	6·65	1·16	33·77
	Nellore	27—28	0·43	0·08	0·21	0·13	1·44	1·48	2·18	3·03	3·03	9·93	10·73	3·62	36·29
	Udayagiri	21	0·39	0·17	0·35	0·40	1·79	1·34	1·70	2·13	2·54	8·48	7·52	2·48	29·29
	Tada	20	0·62	0·56	0·25	0·15	2·15	2·34	2·72	3·85	3·43	9·93	12·20	4·19	42·39
	Kurnool	30—31	0·04	0·03	0·41	0·78	1·84	3·38	4·94	6·05	6·44	3·99	0·91	0·19	29·00
	Cumbum	21	0·09	0·04	0·45	0·25	1·76	2·16	31·17	3·27	2·62	5·47	3·69	0·70	23·67
	Nandyal	21	0·08	0·02	0·15	0·45	1·46	4·94	5·71	7·50	9·09	5·13	1·18	0·26	35·97
	Bellary	37	0·13	0·04	0·49	0·77	1·84	1·77	1·38	2·18	4·00	4·03	1·22	0·25	18·10
	Gooty	34—35	0·04	0·05	0·05	0·44	1·74	2·59	2·88	4·07	4·75	4·32	1·24	0·14	22·31
	Adony	21	0·05	...	0·03	0·72	1·55	4·20	4·01	5·54	5·52	4·62	0·92	0·21	27·37
	Dharmavaram	21	0·01	0·14	0·22	0·47	1·61	2·30	1·47	3·06	4·61	5·03	2·22	0·22	21·36
	Cuddapah	37—38	0·10	0·01	0·22	0·33	1·55	2·65	3·64	5·49	5·95	5·48	3·24	0·76	29·42
	Madnapalle	21	0·13	0·09	0·41	0·70	2·68	2·03	1·96	3·21	4·59	6·60	4·29	1·12	27·81
	Chittoor	28	0·28	0·18	0·40	0·58	3·12	2·65	2·98	5·22	6·05	6·91	4·77	2·15	35·29
	Vellore	27—28	0·56	0·28	0·15	0·43	3·25	2·72	3·46	5·26	5·75	7·70	6·14	3·07	38·77
	Chandragiri	21	0·26	0·20	0·28	0·49	2·06	2·62	2·79	4·30	4·87	6·44	7·05	2·23	33·59
	Arcot	27—28	0·38	0·48	0·38	0·43	2·51	2·81	3·51	5·97	5·71	6·07	6·04	2·75	37·04
	Madras	78	0·92	0·27	0·40	0·64	2·16	2·11	3·86	4·50	4·70	11·02	13·47	5·29	49·34
	Palmaner	28	0·18	0·18	0·32	0·60	2·80	2·97	2·58	4·60	5·92	6·94	4·37	1·69	33·15
	Saidapet	12	0·68	0·20	0·30	0·24	0·92	2·33	4·20	4·22	4·55	12·34	15·54	6·99	52·51
	Chingleput	26—28	0·47	0·28	0·13	0·15	1·77	2·90	3·68	4·84	4·98	8·16	10·06	3·99	41·41
	Conjeeveram	27—28	0·46	0·34	0·14	0·40	2·09	2·78	4·05	5·95	6·21	7·19	8·55	3·42	41·58
	Tindivenam	27—28	0·39	0·47	0·25	0·54	2·53	2·04	3·12	6·88	6·41	8·37	8·46	3·97	43·43
	Cuddalore	29—30	0·88	0·24	0·34	0·8	1·7	1·58	2·63	5·03	4·76	9·08	13·49	6·88	47·42
	Vriddhachalam	27	0·42	0·27	0·22	0·65	2·05	1·60	2·71	5·30	4·78	6·78	7·19	3·89	35·86

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*concld.*	Udayarpalaiyam	26	0·73	0·27	0·19	0·87	3·33	1·70	2·95	4·91	4·66	7·43	7·35	4·40	38·79
	Salem	30—31	0·31	0·06	0·97	1·92	4·70	3·23	3·96	5·94	6·14	7·15	2·81	0·97	*38·16
	Atur	28	0·38	0·20	0·78	1·29	4·20	1·64	2·69	4·22	5·31	7·40	4·84	1·31	34·26
	Shevaroy Hills	27—28	0·38	0·16	0·81	2·38	6·42	5·82	7·54	10·39	8·76	9·63	6·39	3·49	62·17
	Kumbakonam	27—28	0·61	0·41	0·41	0·63	2·37	2·08	2·64	4·60	4·51	8·56	8·37	5·62	40·81
	Tirupatur	21	0·11	0·29	0·51	0·75	4·91	2·70	3·28	5·56	6·92	6·78	3·99	1·03	36·83
	Hosur	21	0·22	0·22	0·61	1·39	4·53	1·84	2·69	4·77	5·08	6·33	3·97	1·14	32·79
	Tranquebar	26—27	1·10	0·34	0·14	1·00	1·73	1·36	2·49	3·87	3·69	9·79	15·14	9·65	50·30
	Negapatam	27—28	1·31	0·77	0·24	0·95	2·09	1·44	1·59	3·28	3·55	9·36	14·94	10·13	49·65
	Tanjore	27—28	0·61	0·36	0·47	0·93	1·96	1·48	2·59	4·07	4·34	6·16	5·75	4·16	32·88
	Putukota	21	1·04	0·71	0·37	1·38	2·39	1·92	1·76	5·27	3·43	7·32	7·84	5·64	39·07
	Trichinopoly	37—39	0·94	0·46	0·68	1·97	3·71	1·37	2·07	4·39	5·07	7·82	5·08	3·07	36·63
	Karur	27—28	0·27	0·10	0·37	1·96	3·77	1·30	1·16	3·35	3·50	6·23	3·14	1·48	26·63
	Coimbatore	28—30	0·25	0·13	0·59	1·85	2·54	1·75	1·21	1·16	1·33	5·67	3·31	1·08	20·87
	Kollegal	21	0·18	0·04	0·68	1·76	5·73	2·09	2·44	4·88	5·94	7·79	2·67	0·69	34·89
	Dindigul	28	0·55	0·27	0·54	1·78	2·98	1·77	1·65	2·24	2·86	6·34	4·73	2·60	28·31
	Madura (Obsy.)	30	0·66	0·37	0·60	2·05	2·85	1·71	1·82	4·64	4·40	8·58	5·05	2·24	34·97
	Pasumali	33—39	0·68	0·41	0·76	2·42	3·25	1·16	2·27	4·32	4·20	7·72	4·87	2·37	34·43
	Vattanum	20—21	1·16	0·83	0·71	2·86	1·72	0·92	1·01	1·97	1·84	7·33	8·17	6·03	34·55
	Periyakulam	20—21	0·69	0·72	1·77	2·61	2·80	1·04	0·66	1·87	2·63	6·80	4·88	1·54	28·01
	Tinnevelly	29—30	1·14	0·83	1·48	1·93	1·62	0·68	0·30	0·52	0·88	6·57	8·97	3·44	28·36
	Tuticorin	27—28	0·93	0·57	0·83	1·57	0·95	0·20	0·20	0·34	0·60	4·03	8·03	2·75	21·00
	Satur	21	0·36	0·56	1·03	1·60	2·36	0·60	1·01	1·86	2·04	6·43	3·77	2·22	23·84
	Cochin	34—35	0·84	0·70	1·98	4·63	12·55	30·99	21·84	11·95	9·26	11·86	5·25	1·86	113·71
	Palghat	28	0·06	0·11	0·68	2·10	4·48	17·54	19·57	10·89	6·24	6·98	3·25	0·82	72·72
	Wellington	14—16	0·72	0·70	2·21	3·05	4·02	3·52	3·30	3·97	4·68	9·95	8·10	4·42	48·64
	Manantoddy	23	0·20	0·26	1·18	2·76	4·62	22·89	30·93	17·05	7·44	5·93	2·28	0·64	96·18
	Calicut	29—30	0·13	0·17	0·84	2·99	9·26	36·21	28·98	14·23	7·98	8·63	3·83	1·61	114·86
	Tellicherry	27—28	0·33	0·06	0·33	3·18	9·04	42·15	36·76	18·03	9·97	7·02	3·39	0·97	131·23
	Cannanore	27—28	0·43	0·24	0·12	2·08	7·00	40·64	35·05	17·79	8·81	7·67	3·31	0·57	123·71
	Mangalore	32—37	0·17	0·07	0·11	1·89	7·84	39·26	37·12	22·54	11·06	8·04	1·98	0·56	130·64
MYSORE AND COORG.	Bangalore	54—55	0·21	0·13	0·56	1·29	4·86	3·19	4·02	5·93	6·31	6·40	2·13	0·68	35·71
	Mysore	52—54	0·08	0·13	0·64	2·21	5·69	1·85	2·30	3·17	4·11	6·47	1·74	0·49	28·88
	Shimoga	53—54	0·07	0·12	0·32	1·81	3·31	4·81	6·83	4·24	3·15	4·96	1·41	0·42	31·45
	Mercara	27	0·25	0·05	1·01	2·40	5·65	26·39	42·35	25·93	12·28	8·31	2·78	0·65	128·05
	Kolar	21	0·23	0·02	0·62	1·11	3·32	3·35	3·41	4·41	4·99	6·14	3·23	0·96	31·79
	Tumkur	45	0·18	0·22	0·36	1·27	4·43	3·84	3·65	5·18	5·85	6·91	1·65	0·42	33·96
	Chitaldroog	21	0·24	0·01	0·13	1·25	3·46	2·56	2·69	3·00	3·96	4·94	2·39	0·49	25·12
	Chikmagalur	21	0·29	0·12	0·77	1·88	4·82	4·24	6·00	3·60	3·78	7·10	2·64	0·64	35·88
	Hassan	20	0·91	0·11	0·51	1·30	4·38	3·93	4·68	2·75	2·83	5·56	1·83	0·83	29·62

TABLE XXXI.—*Average Monthly and Annual Rainfall of 499 Stations in India, Ceylon, etc.*—continued.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CEYLON	Jaffna	20	2·22	1·28	1·04	2·11	2·17	1·01	0·69	1·18	2·56	9·36	13·56	10·01	47·19
	Mannar	19—21	2·46	1·59	1·83	2·81	2·87	0·76	0·24	0·59	0·84	7·69	9·93	7·94	39·55
	Trincomalee	20—21	5·26	2·10	1·21	1·75	2·46	1·75	1·98	4·61	4·39	8·41	12·68	13·48	60·08
	Batticaloa	20—21	7·09	3·27	3·05	1·44	1·80	1·22	0·92	2·77	2·08	5·74	12·09	15·36	56·83
	Hambantota	20—21	3·10	1·57	2·11	2·16	3·81	2·20	1·42	1·30	2·26	4·76	6·41	4·81	35·91
	Galle	21	4·29	3·18	4·73	9·55	11·84	8·02	5·46	5·25	7·67	13·35	11·72	6·43	91·49
	Ratnapura	21	4·77	4·38	8·33	11·78	19·47	20·04	11·79	13·06	14·15	17·92	14·46	8·77	148·92
	Colombo	21	2·88	1·89	4·93	10·98	13·17	7·64	5·04	4·16	5·43	13·14	12·39	6·48	88·13
	Kandy	20—21	4·82	2·52	3·09	7·27	?	8·93	7·30	5·87	5·86	11·21	11·16	8·78	?
	Newera Eliya	20—21	4·88	2·25	2·93	6·22	8·14	14·31	12·43	8·69	8·86	10·29	8·91	8·50	96·41
	Puttalam	20—21	1·67	1·43	2·84	6·09	3·87	1·71	0·45	0·82	1·16	7·38	10·64	6·43	44·49
	Anuradhapur	19—21	2·45	1·35	2·71	8·02	3·96	1·57	0·99	2·18	3·06	7·46	11·25	8·78	53·78
BURMA	Akyab	33—34	0·16	0·18	0·51	1·55	11·95	50·49	51·35	38·99	22·59	11·62	3·63	0·53	193·55
	Kyaukpyu	25	0·14	0·05	0·30	0·85	9·76	41·38	49·90	44·48	21·09	9·56	4·14	0·44	182·09
	Sandoway	28—30	0·10	0·05	0·13	1·07	13·01	50·31	61·44	48·40	23·70	10·15	2·89	0·16	211·41
	Rangoon	21	0·15	0·12	0·12	1·57	10·82	18·54	21·39	18·35	15·81	7·85	2·99	0·07	97·78
	Bassein	21	0·23	0·21	0·05	1·15	7·62	20·04	25·14	22·95	15·00	7·92	3·64	0·10	104·05
	Diamond Island	11—13	0·34	0·13	0·01	1·36	8·61	23·39	25·75	22·72	18·48	9·26	7·62	1·04	118·71
	Henzada	20	0·10	0·25	...	0·57	6·69	16·07	20·52	17·79	11·56	5·23	1·88	0·04	80·70
	Myanaung	16—17	0·08	0·04	0·01	0·91	4·85	10·37	9·79	9·87	8·32	4·41	1·77	0·12	50·54
	Prome	21	0·03	...	0·02	0·71	5·31	9·69	8·94	10·10	7·51	5·01	1·94	0·03	49·29
	Thayetmyo	21	0·01	0·02	0·05	0·70	4·69	7·59	7·42	7·89	7·24	4·66	2·07	0·08	42·42
	Mandalay	4—5	0·20	0·02	0·18	0·79	4·77	5·30	3·19	4·76	5·99	2·73	1·38	0·23	29·54
	Saweybo	4—5	0·22	0·01	0·21	0·73	4·06	6·07	4·07	6·20	5·86	3·27	1·26	0·04	32·00
	Ye-u	4—5	0·24	0·16	0·62	1·07	4·32	5·48	4·42	6·67	9·04	3·12	0·69	0·03	35·86
	Minbu	4—5	0·13	...	...	0·20	4·00	2·96	3·03	5·94	5·71	2·55	1·44	0·01	25·97
	Pyinmana	4—5	0·16	...	0·01	2·02	3·99	5·52	11·32	11·87	11·11	5·46	1·55	0·03	53·04
	Pagan	4—5	0·11	0·05	0·34	0·89	3·50	4·57	2·89	2·33	6·40	2·93	0·62	0·07	24·70
	Kyauksai	4—5	0·52	0·04	0·16	0·86	2·08	4·46	2·09	4·36	7·72	3·31	0·53	0·12	27·25
	Bhamo	4—5	1·61	0·21	1·05	1·92	4·69	15·85	18·64	14·81	11·27	3·99	0·60	0·26	74·90
	Kendat	4—5	0·71	0·10	2·28	1·01	5·49	9·47	13·69	14·30	13·41	6·30	2·40	0·12	69·28
	Ye Methin	3—5	0·07	0·03	0·14	1·90	3·61	6·06	2·63	6·22	6·88	3·81	0·66	0·22	32·23
	Fort Sagaing	4—5	0·11	0·03	0·36	0·82	5·27	4·48	2·90	4·50	5·96	3·30	1·48	0·14	29·35
	Mingin	4—5	0·35	0·02	0·71	0·76	4·06	7·32	6·65	9·64	9·16	4·35	1·17	0·06	44·25
	Toungoo	21	0·09	0·14	0·04	1·53	6·26	14·02	17·58	18·71	11·89	7·18	1·28	0·17	78·89
	Shwegyin	22	0·15	0·38	0·30	2·28	10·82	29·46	34·68	32·54	19·34	9·25	1·76	0·09	141·05
	Moulmein	41	0·21	0·08	0·21	2·97	19·75	37·89	44·38	42·56	29·70	8·26	1·43	0·03	187·47
	Tavoy	33—34	0·17	0·54	0·74	3·79	17·15	40·17	46·19	42·60	32·94	10·43	2·26	0·13	197·11
	Mergui	26—27	0·70	1·47	2·56	5·52	17·57	31·20	32·00	28·80	26·48	13·51	3·53	0·56	163·90
	Myingyan	4	0·14	0·03	0·17	0·39	3·35	2·70	3·50	3·66	6·70	3·22	1·12	0·08	25·06
	Monywa	3	?	?	?	?	2·60	5·39	3·27	3·11	7·24	4·74	0·80	0·16	?

TABLE XXXI.—*Average Monthly and Annual Rainfall of 479 Stations in India, Ceylon, etc.*—concluded.

METEOROLOGICAL DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BAY ISLANDS .	Port Blair . .	23	0·95	1·24	0·45	2·31	15·83	18·89	15·72	14·83	19·58	12·23	8·95	5·69	116·67
BELUCHISTAN .	Peshin . . .	6	3·07	1·35	1·48	1·10	0·28	0·05	0·30	0·04	...	...	0·99	0·92	9·58
	Kelat . . .	9—12	1·69	1·78	1·77	0·65	0·21	0·04	0·51	0·61	0·01	0·06	0·44	0·58	8·35
	Quetta . . .	13	1·83	1·50	1·92	1·21	0·37	0·09	0·62	0·62	0·16	0·07	0·32	0·61	9·32
KASHMIR . .	Leh . . .	15	0·22	0·23	0·20	0·10	0·11	0·19	0·40	0·55	0·10	0·31	0·04	0·08	2·53
NEPAL . .	Katmandu . .	35—40	0·83	1·06	1·24	2·11	3·88	9·63	13·99	14·44	7·35	2·28	0·17	0·26	57·24
PERSIA . .	Bushire . .	13—14	3·51	3·07	0·94	0·79	0·01	...	...	...	...	...	1·56	3·82	13·70
ARABIA . .	Aden . . .	9—10	0·26	0·21	1·17	0·39	0·27	...	0·01	0·27	0·07	...	0·10	0·22	2·97
ASIATIC TURKEY.	Baghdad . .	3—4	0·52	2·75	2·00	1·86	0·22	0·01	...	0·35	...	...	0·32	2·21	10·24

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI.*

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB .	Abbottabad .	− 1·39	− 2·24	− 1·76	+ 0·88	− 2·21	− 1·68	+ 1·98	+ 1·60	+ 0·31	+ 0·16	+ 2·70	+ 3·05	+ 1·40
	Murree (Obsy.)	− 1·87	− 2·62	− 1·09	+ 0·13	− 2·47	+ 0·13	+ 0·49	+ 7·65	− 2·30	+ 3·55	+ 2·36	+ 7·72	+ 11·68
	Chamba . .	− 5·45	− 2·89	− 0·86	− 0·65	− 1·35	+ 0·97	+ 4·67	+ 0·39	+ 0·11	+ 0·07	− 0·30	+ 3·46	− 1·83
	Dharmsala .	− 1·74	− 2·36	− 0·99	+ 0·20	− 1·83	− 2·26	+ 25·46	+ 1·88	− 9·21	− 1·18	− 0·25	+ 2·37	+ 10·09
	Kailang . .	− 2·63	− 0·35	+ 0·16	+ 0·22	+ 0·29	+ 0·26	− 0·21	+ 1·32	+ 0·45	− 0·46	− 0·14	+ 2·13	+ 1·04
	Kilba . .	− 4·35	− 0·33	+ 0·61	+ 1·75	− 1·25	− 1·40	− 2·57	+ 0·42	− 0·58	− 1·15	− 2·02	+ 2·34	− 8·53
	Simla (Obsy.) .	− 1·43	− 1·97	− 0·19	+ 0·41	− 2·80	+ 0·98	+ 6·40	+ 4·19	+ 1·96	− 0·56	− 0·34	+ 2·05	+ 8·70
	Peshawar (Obsy.)	− 1·03	− 0·98	− 0·79	+ 0·03	− 0·43	− 0·30	− 0·14	− 0·02	− 0·73	− 0·03	+ 3·31	+ 1·74	+ 0·63
	Kohat . .	− 0·56	− 0·96	+ 0·41	+ 0·55	+ 0·31	− 0·09	− 3·07	+ 2·10	− 1·53	− 0·35	+ 1·80	+ 1·02	− 0·37
	Bannu . .	+ 0·13	− 0·70	+ 1·64	+ 0·93	− 0·71	− 0·63	− 0·25	− 0·03	− 0·68	− 0·17	+ 2·38	+ 0·10	+ 2·01
	Dera Ismail Khan.	− 0·11	− 0·63	− 0·64	− 0·48	+ 0·01	+ 0·39	− 0·10	− 1·28	+ 0·82	− 0·12	+ 1·76	+ 1·22	+ 0·84
	Dera Ghazi Khan.	− 0·38	− 0·41	− 0·17	− 0·12	− 0·47	− 0·55	− 1·33	− 0·49	− 0·37	− 0·06	+ 0·98	+ 0·67	− 2·70
	Muzaffargarh .	0	− 0·31	+ 0·22	− 0·12	− 0·37	− 0·35	+ 1·27	− 0·18	− 0·56	+ 0·46	+ 0·64	+ 1·26	+ 1·96
	Mooltan (Obsy.)	− 0·36	− 0·30	+ 0·19	− 0·30	− 0·43	+ 0·45	− 0·25	+ 0·81	− 0·68	+ 0·02	+ 0·61	+ 1·35	+ 1·11
	Jhang . .	− 0·41	− 0·36	− 0·33	− 0·37	− 0·26	+ 1·49	− 1·06	+ 1·52	− 0·64	− 0·17	+ 0·59	+ 1·08	+ 1·08
	Montgomery .	− 0·02	− 0·60	− 0·38	− 0·23	− 0·43	− 0·75	+ 1·76	+ 0·68	− 0·94	− 0·16	+ 0·51	+ 1·45	+ 0·89
	Shahpur . .	− 0·68	− 0·89	− 0·12	+ 0·03	− 0·32	+ 0·71	− 2·45	− 0·70	− 1·63	+ 0·17	+ 2·22	+ 1·12	− 2·54
	Rawalpindi . .	− 1·64	− 1·01	− 0·03	− 0·66	+ 0·09	− 0·40	+ 12·86	+ 7·37	− 2·32	+ 0·11	+ 0·11	+ 3·32	+ 17·80
	Jhelum . .	− 1·38	− 0·80	− 0·57	+ 1·06	− 0·07	+ 0·82	+ 5·89	+ 4·25	− 1·75	+ 0·37	+ 0·06	+ 1·71	+ 9·59
	Gujrat . .	− 1·61	− 1·13	− 1·09	− 0·27	+ 0·79	+ 3·52	+ 3·82	+ 7·39	− 0·57	+ 0·02	+ 0·02	+ 2·72	+ 13·61
	Sialkot (Obsy.) .	− 0·55	− 1·23	− 1·10	+ 0·14	− 0·66	+ 1·98	− 5·08	+ 20·40	− 0·71	+ 0·74	− 0·07	+ 2·88	+ 16·74
	Gujranwala .	− 0·09	− 1·05	+ 0·14	+ 0·43	− 0·40	+ 1·01	+ 0·86	+ 9·17	− 1·72	− 0·49	+ 0·59	+ 2·02	+ 10·47
	Gurdaspur .	− 1·58	− 1·19	− 0·40	+ 0·07	− 0·19	+ 1·59	+ 1·57	+ 0·37	− 3·13	− 0·24	− 0·13	+ 1·86	− 1·40
	Lahore . .	− 0·41	− 0·79	− 0·38	+ 0·43	− 0·86	+ 1·55	+ 4·04	+ 2·43	− 1·90	− 0·39	+ 0·35	+ 1·76	+ 5·83
	Amritsar . .	− 0·82	− 0·97	+ 0·27	+ 0·25	− 0·87	+ 1·15	− 0·19	+ 1·51	− 2·06	+ 0·29	+ 0·33	+ 1·91	+ 0·80

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB—*concld.*	Ferozepore	− 0·74	− 0·61	− 0·31	− 0·24	− 0·61	+ 0·37	− 0·69	− 0·93	− 1·76	− 0·51	+ 0·25	+ 1·04	− 4·74
	Jullundur	− 1·10	− 0·88	− 0·16	− 0·29	− 0·79	+ 1·24	− 4·52	− 2·58	− 2·42	− 0·19	− 0·11	+ 1·23	− 10·57
	Hoshiarpur	− 1·09	− 1·17	+ 0·46	− 0·02	− 0·54	+ 1·19	+ 3·81	− 4·33	− 0·83	− 0·38	+ 0·17	+ 0·50	− 2·23
	Ludhiana	− 1·06	− 1·05	+ 0·23	− 0·48	− 1·09	+ 1·65	− 0·37	− 0·79	− 3·82	− 1·02	− 0·09	+ 0·62	− 7·27
	Umballa	− 1·44	− 1·45	− 0·43	+ 0·83	− 0·90	+ 0·56	+ 11·56	+ 4·56	− 4·06	− 0·14	− 0·21	+ ·82	+ 9·70
	Sirsa	− 0·70	− 0·28	− 0·23	− 0·38	+ 0·07	+ 1·82	+ 3·00	− 2·77	− 1·89	− 0·28	− 0·03	+ 0·29	− 1·38
	Hissar	− 0·37	− 0·44	− 0·24	− 0·25	+ 0·62	+ 0·55	− 0·90	− 3·23	− 1·19	− 0·28	− 0·08	− 0·10	− 5·91
	Rohtak	− 0·34	− 0·56	− 0·33	0	− 0·27	− 1·47	+ 4·91	+ 0·82	− 2·52	+ 0·08	− 0·02	− 0·16	+ 0·14
	Delhi (Obsy.)	− 0·64	− 0·54	− 0·14	+ 0·48	− 0·17	− 1·56	+ 5·11	+ 1·57	− 2·22	− 0·46	− 0·07	+ 0·02	+ 1·38
	Gurgaon	− 0·33	− 0·34	+ 0·13	− 0·15	− 0·31	− 0·18	+ 6·08	− 0·20	− 3·79	− 0·41	− 0·02	+ 0·02	+ 0·50
	Karnal	− 0·56	− 1·16	− 0·11	− 0·44	− 0·52	+ 2·97	+ 4·50	+ 6·32	− 3·01	+ 0·15	− 0·10	+ 0·28	+ 8·32
SIND	Kurrachee	− 0·69	− 0·25	− 0·14	− 0·16	− 0·05	− 0·13	0	+ 2·34	− 0·76	− 0·05	+ 4·45	+ 1·22	+ 5·78
	Sehwan	− 0·44	− 0·28	− 0·18	− 0·10	− 0·11	− 0·17	− 1·05	− 2·03	− 0·62	0	+ 1·74	+ 0·53	− 2·71
	Tatta	− 0·33	− 0·17	− 0·12	− 0·39	− 0·02	+ 0·05	− 0·86	+ 0·30	− 0·94	0	+ 3·77	+ 1·27	+ 2·56
	Hyderabad (Obsy.)	− 0·28	− 0·20	− 0·13	− 0·18	− 0·14	+ 1·32	− 0·25	+ 1·71	− 0·68	0	+ 1·76	+ 0·62	+ 3·55
	Umarkot	− 0·23	− 0·08	− 0·11	− 0·10	− 0·07	− 0·80	+ 2·47	− 1·60	− 0·94	− 0·20	+ 0·94	+ 0·38	− 0·34
	Shikarpur	− 0·31	− 0·28	− 0·38	− 0·18	− 0·07	− 0·11	− 0·01	+ 2·19	− 0·21	0	+ 3·14	+ 1·61	+ 5·39
	Rohri	− 0·33	− 0·38	− 0·41	− 0·27	− 0·19	− 0·27	+ 0·78	+ 3·63	− 0·31	− 0·01	+ 1·97	+ 0·72	+ 4·93
	Jacobabad	− 0·26	− 0·26	− 0·28	− 0·13	− 0·12	− 0·07	+ 0·28	− 0·86	− 0·22	− 0·01	+ 2·34	+ 1·05	+ 1·46
CUTCH	Bhuj	− 0·06	− 0·15	− 0·09	− 0·13	− 0·14	+ 1·35	− 1·58	− 1·95	− 1·36	− 0·66	+ 0·07	+ 0·97	− 3·73
	Rhahpur	− 0·04	− 0·06	− 0·08	− 0·09	− 0·19	− 0·66	− 3·16	+ 0·53	− 2·61	− 0·74	0	− 0·01	− 7·11
	Nagar	− 0·17	− 0·10	− 0·05	+ 0·07	+ 0·97	− 1·46	− 2·37	− 1·86	− 1·48	− 0·30	+ 0·04	+ 0·17	− 6·54
RAJPUTANA	Jeysulmere	− 0·23	− 0·10	− 0·02	− 0·02	− 0·22	− 0·63	+ 0·40	+ 0·36	− 0·49	− 0·01	+ 0·28	+ 1·18	+ 0·50
	Phalodi	− 0·12	− 0·10	− 0·11	− 0·04	− 0·25	− 0·09	+ 1·23	− 2·10	− 0·33	0	0	+ 0·34	− 1·57
	Bickaneer	− 0·24	− 0·12	− 0·02	− 0·14	− 1·17	− 0·50	− 0·53	− 2·22	− 1·04	+ 0·51	− 0·06	+ 0·57	− 4·96
	Nagar	− 0·20	− 0·10	+ 0·07	+ 0·01	− 0·32	− 0·98	+ 1·19	− 3·55	− 1·79	− 0·11	0	+ 0·48	− 5·30
	Didwana	− 0·32	− 0·16	+ 0·05	− 0·11	− 0·50	+ 0·01	− 1·72	− 4·63	− 0·82	− 0·14	− 0·05	+ 0·24	− 8·15
	Jhunjhnu	− 0·46	− 0·21	− 0·05	− 0·11	− 0·46	− 0·09	− 3·09	− 0·57	− 1·98	− 0·20	+ 0·12	+ 0·03	− 7·07
	Khetri	− 0·14	− 1·11	+ 0·10	− 0·08	− 0·28	+ 1·49	− 1·28	− 4·31	+ 0·64	+ 0·12	0	+ 0·21	− 4·64
	Sikar	− 0·24	− 0·24	− 0·08	− 0·12	− 0·12	+ 1·79	− 4·39	− 3·82	− 0·12	− 0·06	− 0·02	+ 0·25	− 7·17
	Sri Madhopur	− 0·36	− 0·66	− 0·19	− 0·21	− 0·26	+ 0·25	− 5·16	− 0·54	− 1·24	+ 0·04	0	− 0·16	− 8·49
	Ulwur	− 0·49	− 0·41	+ 0·34	− 0·01	− 0·99	+ 7·38	− 1·06	− 1·53	− 0·04	− 0·13	− 0·12	+ 0·02	+ 2·96
	Bhurtpore	− 0·38	− 0·20	+ 0·12	+ 0·17	− 0·58	+ 5·09	− 2·23	− 1·52	− 1·68	− 0·44	− 0·02	− 0·06	− 1·73
	Bandikui	− 0·37	− 0·23	+ 0·22	− 0·11	− 0·58	+ 2·36	− 1·54	− 4·20	+ 1·63	− 0·18	− 0·01	− 0·13	− 3·14
	Jeypore	− 0·33	− 0·20	+ 1·41	− 0·17	− 0·53	− 0·48	− 1·21	− 0·87	+ 0·49	− 0·12	− 0·10	− 0·14	− 2·25
	Sambhar	− 0·24	− 0·20	+ 0·27	− 0·14	− 0·94	− 0·63	− 3·18	− 2·54	− 2·07	− 0·28	− 0·16	− 0·01	− 10·12
	Kerowlee	− 0·37	− 0·15	+ 0·17	+ 0·07	− 0·30	+ 11·55	− 2·55	− 0·51	− 0·12	− 0·17	− 0·05	+ 0·20	+ 7·77
	Lalsot	− 0·30	− 0·10	+ 0·05	− 0·03	− 0·14	+ 2·42	− 2·00	− 2·85	+ 2·59	− 0·33	− 0·06	− 0·10	− 0·85
	Tonk	− 0·13	− 0·25	− 0·07	− 0·05	− 0·32	+ 5·74	− 4·50	− 4·95	− 0·59	− 0·52	− 0·03	+ 0·15	− 5·52
	Siwai Madhopur	− 0·19	− 0·16	+ 0·14	− 0·04	− 0·31	+ 3·68	− 4·93	− 5·45	− 0·41	− 0·27	− 0·03	− 0·02	− 7·99
	Deoli	− 0·23	− 0·19	− 0·03	− 0·13	− 0·77	− 0·13	− 8·26	− 7·04	− 2·70	+ 1·46	− 0·12	+ 0·04	− 18·10

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA —*concld.*	Kotah . .	— 0·16	— 0·25	— 0·05	— 0·04	— 0·90	+ 3·85	— 4·19	— 5·90	— 3·96	— 0·12	— 0·03	— 0·16	— 11·91
	Jhalrapatan .	— 0·18	— 0·32	+ 0·03	+ 0·36	— 0·54	+ 4·06	— 2·56	— 3·34	— 1·77	— 0·61	— 0·15	+ 0·78	— 4·24
	Ajmere . .	— 0·25	— 0·34	— 0·20	— 0·09	+ 0·54	— 0·67	— 2·44	— 3·49	— 1·54	+ 0·03	— 0·03	+ 0·65	— 7·83
	Nusseerabad .	— 0·13	— 0·39	+ 0·05	— 0·01	— 0·57	— 0·62	— 3·04	— 2·86	— 0·72	— 0·04	— 0·11	+ 0·03	— 8·41
	Malpura . .	— 0·23	— 0·07	+ 0·05	— 0·01	— 0·25	+ 0·35	— 5·09	— 5·92	— 0·60	— 0·04	— 0·01	+ 0·24	— 11·58
	Beawar . .	— 0·22	— 0·11	— 0·05	— 0·10	— 0·29	— 1·60	— 2·46	— 1·33	+ 0·46	— 0·10	+ 0·16	+ 0·31	— 5·33
	Jodhpore . .	— 0·24	— 0·21	+ 0·04	— 0·06	— 0·42	+ 1·16	+ 2·37	— 2·02	+ 0·25	— 0·16	— 0·03	+ 0·19	+ 0·87
	Pachpadra .	— 0·33	— 0·08	— 0·07	+ 0·26	— 0·76	+ 0·09	— 0·15	— 0·84	— 1·25	— 0·04	0	+ 0·35	— 2·82
	Jasol . .	— 0·23	— 0·07	— 0·09	+ 0·21	— 0·49	— 0·62	+ 1·73	— 1·46	— 0·82	— 0·02	0	+ 0·30	— 1·56
	Barmer . .	— 0·20	— 0·09	— 0·08	— 0·01	— 0·42	+ 0·33	+ 2·77	+ 2·62	— 0·46	— 0·03	— 0·01	+ 0·31	+ 4·73
	Pali . .	— 0·15	— 0·06	0	0	— 0·33	— 1·71	+ 2·16	— 3·73	— 0·58	— 0·10	0	+ 0·20	— 4·30
	Shahpura .	— 0·10	— 0·20	— 0·04	— 0·08	— 0·73	+ 0·45	— 3·85	— 1·32	— 3·18	— 0·10	— 0·05	+ 0·72	— 8·48
	Erinpura . .	— 0·13	— 0·24	— 0·08	+ 0·18	— 0·52	— 0·77	+ 3·01	— 1·38	— 1·60	— 0·37	— 0·07	— 0·01	— 1·98
	Sirohee . .	— 0·15	— 0·19	0	— 0·04	— 0·82	+ 0·30	+ 1·87	— 2·77	— 0·84	0	0	0	— 2·64
	Mount Abu .	— 0·25	— 0·36	+ 0·04	+ 0·48	— 1·07	+ 0·30	+ 6·11	+ 4·48	— 5·83	— 1·80	— 0·17	— 0·18	+ 1·75
	Kotra . .	— 0·11	— 0·24	— 0·01	+ 0·13	— 0·81	+ 1·35	+ 15·57	+ 3·47	— 4·34	— 0·63	— 0·10	+ 0·03	+ 14·31
	Oodeypore .	— 0·08	— 0·17	+ 0·13	+ 0·14	— 0·11	+ 1·01	— 0·78	— 2·18	— 4·44	— 0·02	— 0·08	— 0·05	— 6·63
	Partabgarh .	— 0·17	— 0·06	— 0·02	+ 0·02	— 0·53	+ 2·99	+ 5·46	— 1·80	— 2·17	— 1·07	— 0·24	— 0·12	+ 2·29
	Kherwara . .	— 0·08	— 0·18	— 0·01	— 0·02	— 0·45	+ 5·33	+ 4·95	— 0·47	— 0·46	— 0·27	— 0·10	— 0·04	+ 8·20
	Banswara .	— 0·40	— 0·15	+ 0·05	+ 0·01	— 0·40	+ 4·24	+ 8·46	+ 3·17	— 3·56	— 0·27	— 0·14	— 0·32	+ 10·69
CENTRAL INDIA.	Neemuch (Obsy.)	— 0·12	— 0·16	— 0·10	— 0·10	— 0·52	— 1·71	+ 0·30	— 8·18	— 1·65	— 0·09	— 0·07	— 0·22	— 12·62
	Sirdarpore .	— 0·21	— 0·21	— 0·01	+ 0·01	— 0·25	+ 0·43	— 1·41	— 0·18	— 4·50	— 0·09	— 0·20	+ 0·53	— 6·09
	Agar . .	— 0·26	— 0·36	+ 0·08	+ 0·20	— 0·52	+ 2·1	+ 0·63	— 2·67	— 1·78	— 0·56	— 0·14	— 0·39	— 3·66
	Rutlam . .	— 0·20	— 0·20	+ 0·09	— 0·01	— 0·27	— 0·14	— 1·46	— 0·87	— 5·31	— 0·97	— 0·26	— 0·11	— 9·71
	Indore . .	— 0·31	— 0·27	— 0·02	— 0·07	— 0·55	— 1·26	— 2·07	+ 0·84	— 0·23	— 1·01	— 0·18	— 0·18	— 5·31
	Bhopal (Sehore)	— 0·52	— 0·24	— 0·05	+ 0·53	— 0·31	+ 6·54	+ 2·69	— 2·27	— 2·76	— 1·27	— 0·39	— 0·27	+ 1·68
	Goona . .	— 0·32	— 0·25	+ 0·36	+ 0·31	— 0·45	+ 16·93	— 2·55	— 2·66	— 2·02	— 0·58	— 0·36	+ 0·03	+ 8·44
	Morar . .	— 0·31	— 0·30	— 0·19	+ 0·04	— 0·43	+ 3·79	+ 0·36	— 0·83	— 1·37	— 0·54	— 0·01	+ 0·15	+ 0·36
	Nowgong .	— 0·54	— 0·33	+ 0·12	— 0·05	— 0·30	+ 9·26	— 3·33	— 2·06	— 1·41	— 0·71	— 0·13	— 0·11	+ 0·41
	Sutna . .	— 0·90	— 0·48	+ 0·49	+ 0·38	— 0·27	+ 8·02	+ 1·71	— 2·01	+ 4·90	— 1·81	— 0·16	— 0·22	+ 9·65
	Nagode . .	— 0·84	— 0·32	+ 0·55	+ 0·17	— 0·22	+ 6·66	— 2·11	— 2·19	+ 6·38	— 0·99	— 0·13	— 0·21	+ 6·75
	Maihar . .	— 0·69	— 0·32	— 0·26	+ 0·39	+ 0·58	+ 10·08	— 5·89	+ 11·41	+ 4·51	— 1·30	— 0·41	— 0·41	+ 17·69
	Rewah . .	— 0·87	— 0·69	+ 0·65	— 0·07	— 0·22	+ 6·01	— 5·56	— 0·20	+ 5·47	— 1·96	— 0·21	— 0·03	+ 2·32
	Chandia . .	— 0·88	— 0·21	+ 0·46	+ 0·09	— 0·45	+ 9·40	— 5·08	+ 4·25	+ 8·23	— 2·47	— 0·20	— 0·23	+ 12·91
	Ramnagar .	— 0·91	— 0·28	+ 0·41	— 0·07	— 0·19	+ 8·45	+ 2·53	+ 0·52	+ 1·94	— 2·19	— 0·11	— 0·22	+ 9·88
	Sihawal (Bardi) .	— 0·94	— 0·14	— 0·26	— 0·09	— 0·27	+ 4·95	+ 6·11	— 5·31	+ 3·66	— 2·10	— 0·46	— 0·47	+ 4·68
	Teonthar . .	— 0·91	— 0·29	+ 0·54	+ 0·24	— 0·18	+ 4·31	— 4·10	— 7·12	+ 8·40	— 2·01	— 0·25	— 0·60	— 1·97
	Sohagpur .	— 1·51	— 0·49	+ 0·73	— 0·46	— 0·15	+ 1·68	+ 4·32	— 0·25	+ 3·13	— 2·33	— 0·66	+ 0·34	— 4·29
N. W. PROVINCES.	Chakrata .	— 1·42	— 1·55	— 0·90	+ 0·61	— 1·14	+ 3·59	+ 3·22	+ 2·57	— 0·47	— 0·49	— 0·31	+ 1·07	+ 4·78
	Mussooree .	— 0·74	— 2·56	— 1·17	+ 0·76	— 0·56	— 1·40	+ 11·13	+ 20·06	— 4·20	— 0·77	— 0·35	+ 0·96	+ 21·16
	Srinagar . .	— 1·03	— 2·25	— 0·67	+ 0·19	— 1·64	+ 3·33	+ 1·15	+ 1·08	— 0·92	+ 0·49	— 0·24	+ 0·62	+ 0·11

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*contd.*	Pauri	— 0·95	— 2·06	— 0·59	+ 0·72	— 1·13	+ 1·03	+ 4·32	+ 1·59	+ 0·53	— 0·58	— 0·28	+ 0·86	+ 3·46
	Ranikhet	— 1·03	— 1·26	— 0·44	+ 0·33	— 0·47	+ 1·37	+ 11·52	+ 2·79	+ 3·40	— 0·69	— 0·25	+ 0·26	+ 15·53
	Almora	— 1·65	— 1·57	— 0·88	+ 0·31	— 0·77	+ 0·35	+ 8·32	— 0·43	+ 5·40	— 0·44	— 0·20	+ 0·02	+ 9·06
	Pithoragarh	— 2·05	— 1·66	— 1·25	+ 0·01	— 0·82	+ 2·40	+ 3·71	— 1·88	+ 6·35	+ 0·01	— 0·07	— 0·13	+ 4·62
	Naini Tal	— 1·08	— 2·33	— 1·31	+ 7·41	— 0·83	— 1·78	+ 34·90	+ 4·96	+ 6·46	— 1·62	— 0·20	— 0·86	+ 43·72
	Dehra Dun	— 1·58	— 1·76	— 0·35	— 0·12	— 0·91	+ 1·18	+ 13·29	+ 9·64	— 3·75	— 0·43	— 0·17	+ 1·08	+ 16·12
	Saharanpur	— 1·12	— 1·33	— 0·87	+ 0·34	+ 0·22	— 1·18	+ 12·25	— 3·98	+ 3·41	— 0·44	— 0·19	+ 0·75	+ 7·86
	Roorkee	— 1·63	— 1·35	— 0·60	+ 0·49	— 0·52	— 0·39	+ 6·41	— 0·54	+ 0·97	— 0·44	— 0·19	+ 1·10	+ 3·31
	Muzaffarnagar	— 1·21	— 0·89	— 0·69	— 0·40	— 0·13	+ 1·53	+ 5·65	— 2·21	+ 0·29	— 0·30	— 0·09	+ 0·37	+ 1·92
	Bijnor	— 1·16	— 1·00	— 0·43	+ 0·84	+ 0·08	— 0·85	+ 8·29	+ 4·69	+ 0·13	— 0·47	— 0·07	+ 0·43	+ 10·48
	Meerut	— 0·90	— 0·76	— 0·11	— 0·09	+ 0·07	— 1·60	+ 5·68	— 3·23	— 1·06	— 0·43	— 0·05	+ 0·31	— 2·17
	Moradabad	— 0·62	— 1·00	— 0·25	— 0·30	— 0·63	— 1·24	+ 7·04	— 4·65	— 1·22	— 0·61	— 0·10	— 0·15	— 3·73
	Rudarpur	+ 1·00	— 1·10	— 0·84	+ 0·15	— 0·90	+ 4·52	+ 24·31	— 3·04	+ 1·44	— 0·70	— 0·05	— 0·27	+ 24·52
	Pilibhit	— 0·68	— 1·12	— 0·43	— 0·28	— 0·78	+ 4·76	+ 12·96	— 7·13	+ 6·38	— 1·10	— 0·03	— 0·20	+ 12·35
	Bulandshahr	— 0·49	— 0·83	— 0·28	+ 0·49	— 0·46	+ 0·59	+ 11·69	+ 1·42	— 1·04	— 0·50	— 0·04	— 0·10	+ 10·45
	Bareilly	— 0·95	— 0·71	— 0·08	— 0·22	— 0·49	+ 4·49	+ 3·63	+ 1·41	+ 1·57	— 1·15	— 0·07	+ 0·01	+ 7·44
	Budaun	— 0·83	— 0·54	— 0·02	+ 0·90	— 0·46	+ 5·41	+ 6·49	— 3·85	+ 0·40	— 0·42	— 0·06	+ 0·06	+ 7·08
	Shahjahanpur	+ 1·23	— 0·26	— 0·11	— 0·17	— 0·19	+ 5·41	+ 1·68	— 4·40	+ 0·40	— 1·15	— 0·09	— 0·26	+ 2·09
	Aligarh	— 0·75	— 0·47	— 0·30	— 0·04	+ 0·25	— 0·04	+ 7·59	+ 3·08	— 3·42	— 0·49	— 0·02	— 0·02	+ 5·37
	Muttra	— 0·47	— 0·30	— 0·07	— 0·17	— 0·02	+ 8·61	+ 2·69	+ 1·54	+ 1·60	— 0·38	— 0·02	— 0·14	+ 13·01
	Agra	— 0·54	— 0·30	+ 0·29	— 0·15	— 0·66	+ 2·65	— 0·41	+ 1·12	— 0·84	— 0·39	— 0·03	— 0·08	+ 0·66
	Etah	— 0·47	— 0·21	— 0·21	— 0·08	— 0·45	+ 1·43	+ 6·67	— 2·99	— 2·88	— 0·74	— 0·02	— 0·13	— 0·08
	Mainpuri	— 0·67	— 0·31	— 0·26	— 0·01	— 0·02	+ 4·05	+ 2·44	— 5·20	— 4·24	— 0·60	— 0·05	— 0·29	— 5·16
	Farrukhabad	— 0·63	— 0·29	— 0·36	— 0·09	— 0·37	+ 2·72	+ 0·85	— 4·88	— 0·96	— 0·99	— 0·05	+ 0·12	— 4·93
	Etawah	— 0·48	— 0·25	— 0·37	— 0·08	+ 0·26	+ 5·39	+ 5·50	— 1·54	— 0·64	— 0·97	— 0·07	— 0·19	+ 6·56
	Cawnpore	— 0·72	— 0·44	+ 0·23	— 0·12	+ 0·36	+ 5·65	+ 9·00	— 4·22	— 0·77	— 0·84	— 0·06	— 0·21	+ 7·86
	Fatehpur	— 0·64	— 0·35	+ 0·27	— 0·14	— 0·34	+ 10·15	+ 2·69	— 2·86	+ 0·91	— 1·15	— 0·08	— 0·27	+ 8·19
	Jalaun (Orai)	— 0·39	— 0·24	— 0·16	+ 0·05	— 0·23	+ 6·86	+ 4·47	— 7·36	— 3·28	— 0·64	— 0·01	+ 0·06	— 0·87
	Hamirpur	— 0·51	— 0·32	+ 0·13	+ 0·37	+ 0·59	+ 5·15	— 2·37	— 4·59	— 2·62	— 0·90	— 0·12	— 0·14	— 5·33
	Banda	— 0·71	— 0·33	+ 0·38	+ 0·17	— 0·30	+ 1·38	— 1·53	— 0·60	— 1·98	— 0·94	— 0·20	— 0·20	— 4·86
	Allahabad	— 0·76	— 0·40	— 0·26	— 0·14	— 0·25	+ 10·18	+ 4·24	+ 4·40	+ 3·85	+ 0·36	— 0·21	— 0·21	+ 20·80
	Basti	— 0·75	— 0·41	— 0·03	— 0·20	+ 1·45	+ 3·82	+ 5·24	+ 7·05	+ 2·32	— 1·66	— 0·01	— 0·01	+ 16·81
	Gorakhpur	— 0·58	— 0·51	— 0·27	— 0·37	— 0·49	+ 6·63	+ 13·29	+ 2·26	— 0·37	— 2·77	— 0·16	0	+ 16·66
	Azamgarh	— 0·56	— 0·29	+ 0·07	— 0·15	— 0·72	+ 5·78	+ 7·21	— 3·49	+ 1·99	— 1·98	— 0·09	— 0·13	+ 7·64
	Jaunpur	— 0·69	— 0·37	— 0·15	— 0·13	— 0·58	+ 5·00	+ 4·58	— 5·05	+ 1·88	— 2·11	— 0-15	— 0·13	+ 2·10
	Benares	— 0·74	— 0-46	— 0·06	— 0·44	— 0·55	+ 6·93	— 2·03	+ 2·38	+ 2·56	— 1·48	— 0·15	— 0·14	+ 6·12
	Mirzapur	— 0·74	— 0·58	— 0·42	— 0·10	— 0·51	+ 4·92	— 2·99	— 2·21	+ 6·61	— 1·99	— 0·25	— 0·17	+ 1·57
	Ghazipur	— 0·75	+ 2·17	— 0·03	— 0·11	— 0·14	+ 7·07	+ 5·08	+ 8·74	+ 3·44	— 1·64	— 0·29	— 0·13	+ 23·41
	Ballia	— 0·60	— 0·43	— 0·10	— 0·30	+ 0·61	+ 11·01	+ 6·63	+ 5·38	+ 0·91	— 1·90	— 0·18	— 013	+ 20·99
	Dudhi	— 0·63	— 0·45	+ 0·45	— 0·18	— 0·01	+ 1·73	— 0·99	+ 1·67	+ 2·92	— 2·83	— 0·27	— 0·24	+ 1·17
	Robertsganj	— 0·72	— 0·47	— 0 04	— 0·21	— 0·79	+ 5·77	— 1·42	+ 6·25	+ 6·06	— 2·28	— 0·29	— 0·03	+ 11·83

TABLE XXXII.—*Comparsion of the monthly and total rainfall in 1890, with averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES —*concld.*	Jhansi . .	− 0·51	− 0·26	+ 0·16	+ 0·08	− 0·22	+ 12·27	− 2·46	+ 3·36	+ 3·63	− 0·69	− 0·03	+ 0·15	+ 15·48
	Lalitpur . .	− 0·48	− 0·25	+ 1,01	+ 0·24	− 0·55	+ 8·88	− 6·45	+ 1·93	+ 4·29	− 0·85	− 0·15	+ 0·18	+ 7·80
OUDH . .	Kheri . .	− 0·90	− 0·66	− 0·44	− 0·18	− 0·46	+ 8·21	+ 1·36	+ 0·40	+ 5·70	− 1·43	− 0·02	− 0·42	+ 11·16
	Sitapur . .	− 0·56	− 0·34	− 0·45	− 0·30	− 0·98	+ 24·18	+ 10·06	− 2·58	+ 1·44	− 1·39	− 0·03	− 0·18	+ 28·87
	Bahraich . .	− 0·63	− 0·63	− 0·23	− 0·37	− 0·51	+ 8·07	+ 4·18	+ 4·20	+ 5·67	− 1·38	− 0·04	− 0·08	+ 18·25
	Gonda . .	− 0·74	− 0·43	− 0·33	− 0·10	− 0·77	+ 6·84	+ 6·58	− 0·63	− 1·67	− 1·13	− 0·03	− 0·15	+ 7·44
	Hardoi . .	− 0·63	− 0·28	− 0·64	− 0·18	− 0·45	+ 4·78	− 2·34	− 5·59	+ 1·15	− 1·31	0	− 0·18	− 5·67
	Nawabganj (Bara Banki).	− 0·88	− 0·25	− 0·31	− 0·19	− 0·45	+ 9·32	− 0·85	− 1·54	+ 6·40	− 0·54	0	− 0·31	+ 10·40
	Lucknow . .	− 0·82	− 0·26	− 0·09	+ 0·02	− 0·46	+ 10·03	+ 3·25	− 3·06	− 0·23	− 0·16	− 0·01	+ 0·05	+ 8·26
	Unao . .	− 0·72	− 0·31	+ 0·32	− 0·12	− 0·22	+ 5·32	+ 7·89	− 7·46	− 2·17	− 1·33	0	− 0·34	+ 0·86
	Fyzabad . .	− 0·82	− 0·33	− 0·13	− 0·21	+ 0·16	+ 9·95	+ 8·11	− 5·95	+ 3·17	− 0·74	− 0·03	− 0·15	+ 13·03
	Sultanpur .	− 0·67	− 0·31	− 0·04	− 0·24	− 0·38	+ 6·15	+ 6·49	− 0·72	+ 3·89	− 1·70	− 0·03	− 0·22	+ 13·22
	Rae Bareli .	− 0·63	− 0·25	+ 0·06	− 0·10	− 0·30	+ 10·08	+ 5·68	− 1·05	− 1·06	− 0·96	− 0·02	− 0·24	+ 11·21
	Partabgarh .	− 0·70	− 0·34	− 0·25	− 0·05	+ 0·45	+ 8·22	+ 8·92	+ 2·68	+ 3·39	− 1·54	− 0·06	− 0·26	+ 20·46
BENGAL .	Motihari .	+ 0·01	− 0·30	− 0·30	− 0·60	+ 4·56	+ 2·70	+ 12·49	+ 0·56	+ 1·62	+ 2·91	− 0·09	− 0·14	+ 23·42
	Darbhanga .	− 0·42	− 0·42	− 0·14	− 0·52	− 0·18	+ 3·04	+ 9·92	+ 4·39	− 4·11	− 0·31	− 0·05	− 0·15	+ 11·05
	Siwan . .	− 0·81	− 0·39	− 0·09	− 0·24	− 0·05	+ 5·47	+ 5·82	+ 4·42	+ 2·67	− 2·67	− 0·18	− 0·13	+ 13·82
	Buxar . .	− 0·78	− 0·35	+ 0·04	− 0·1	+ 0·71	+ 4·44	+ 3·26	+ 6·20	+ 1·05	− 1·24	− 0·23	− 0·19	+ 12·76
	Chapra . .	− 0·73	− 0·44	− 0·27	− 0·31	+ 1·46	+ 3·74	+ 7·56	+ 0·70	− 1·70	− 0·87	− 0·23	− 0·08	+ 8·83
	Arrah . .	− 0·84	− 0·50	− 0·38	− 0·45	0	+ 5·26	+ 15·33	+ 2·41	+ 0·65	+ 0·40	− 0·20	− 0·13	+ 21·55
	Patna (Bankipore).	− 0·69	− 0·44	− 0·26	− 0·25	+ 1·56	+ 0·67	+ 6·23	+ 7·05	− 2·90	− 1·68	− 0·21	− 0·15	+ 8·93
	Muzuffarpur .	− 0·80	− 0·49	− 0·32	− 0·45	− 0·90	+ 1·90	+ 11·63	+ 5·26	− 2·39	− 1·25	− 0·09	− 0·07	+ 12·03
	Barh . .	− 0·58	− 0·52	− 0·13	− 0·11	− 0·42	+ 2·10	+ 1·01	+ 2·69	+ 0·07	− 1·57	− 0·24	− 0·11	+ 2·19
	Sasaram .	− 0·48	− 0·42	+ 0·48	− 0·04	− 0·67	+ 4·85	+ 2·13	+ 0·40	− 0·05	− 2·30	− 0·24	− 0·17	+ 3·49
	Gaya . .	− 0·71	− 0·56	− 0·08	− 0·27	− 0·29	+ 4·67	+ 9·48	+ 10·01	− 1·03	− 1·90	− 0·23	− 0·10	+ 18·99
	Jamui . .	− 0·77	− 0·60	− 0·30	− 0·45	− 0·88	+ 11·27	+ 8·87	+ 0·11	− 2·31	− 0·25	− 0·10	− 0·08	+ 14·51
	Madhipura .	− 0·63	− 0·57	− 0·25	− 0·20	− 0·84	+ 4·74	+ 10·70	− 0·57	− 3·10	− 0·90	− 0·06	− 0·08	+ 8·24
	Monghyr .	− 0·49	− 0·53	− 0·41	− 0·42	+ 2·05	+ 7·62	+ 6·82	− 0·76	− 1·68	− 1·30	− 0·24	− 0·10	+ 10·56
	Bhágalpur .	− 0·53	− 0·63	− 0·37	− 0·76	+ 1·78	+ 2·52	+ 6·13	+ 7·68	− 2·02	+ 1·54	− 0·21	− 0·09	+ 15·04
	Godda . .	− 0·52	− 0·53	+ 0·30	− 0·41	+ 1·05	+ 3·36	+ 5·79	− 1·13	− 5·68	+ 2·60	− 0·13	− 0·11	+ 4·59
	Palámau .	− 0·75	− 0·46	+ 0·30	− 0·10	+ 0·11	+ 1·29	+ 5·22	+ 1·02	− 3·83	− 2·06	− 0·42	− 0·26	+ 0·06
	Hazaribagh .	− 0·53	− 0·72	− 0·28	− 0·35	− 0·61	+ 0·87	+ 6·87	− 2·09	− 0·05	− 1·89	− 0·33	− 0·16	+ 0·73
	Ranchi . .	− 0·75	− 0·98	+ 1·31	− 0·60	+ 0·94	+ 0·27	+ 0·98	− 4·32	+ 1·06	− 0·52	− 0·33	− 0·20	− 3·14
	Lohardaga .	− 0·84	− 0·49	+ 0·73	− 0·27	− 1·52	+ 0·36	+ 1·86	+ 6·97	− 3·69	− 0·26	− 0·55	− 0·41	+ 1·89
	Naya Dumka .	− 0·58	− 0·67	− 0·34	+ 0·28	− 1·55	+ 5·78	+ 4·19	+ 5·82	− 3·22	+ 8·02	− 0·23	− 0·07	+ 17·43
	Gobindpur .	− 0·50	− 0·82	+ 0·40	− 0·54	− 1·38	+ 4·43	− 1·46	− 5·45	− 0·47	− 0·24	+ 0·01	+ 0·11	− 5·91
	Purulia . .	− 0·37	− 0·89	+ 0·10	− 0·35	+ 0·62	+ 3·78	0	− 3·83	− 2·12	− 0·47	− 0·25	− 0·24	− 4·02
	Sirguja . .	− 1·07	− 0·16	− 0·57	− 0·28	+ 2·09	− 2·11	+ 6·22	+ 13·16	+ 4·19	− 1·39	− 0·81	− 0·32	+ 18·95
	Jushpore .	− 1·09	− 0·20	+ 0·79	− 0·16	− 0·64	− 1·14	+ 5·02	+ 2·49	− 0·34	− 2·91	− 0·05	− 0·51	+ 1·26
	Gangpur . .	− 0·33	− 0·90	+ 0·83	− 0·8	− 0·62	+ 2·69	+ 3·60	+ 1·87	− 1·33	− 1·74	− 1·01	− 0·59	+ 1·65
	Chaibassa .	− 0·68	− 0·78	− 0·08	− 0·63	+ 0·26	+ 0·60	− 4·14	− 9·78	− 0·89	− 1·20	− 0·33	+ 0·25	− 17·40

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the average of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*contd.*	Barreepudda	− 0·25	− 0·74	+ 0·55	− 0·62	− 0·12	+ 4·24	− 4·67	− 2·49	+ 6·61	+ 5·04	− 0·35	− 0·15	+ 7·05
	Keonjhar	− 0·14	− 0·17	+ 0·36	− 0·49	+ 1·01	+ 0·28	− 0·36	− 0·96	− 0·27	+ 1·20	− 1·06	− 0·26	− 0·86
	Jelasore	− 0·64	− 0·82	+ 3·58	− 1·24	+ 2·32	+ 4·20	− 8·19	− 2·58	+ 11·24	+ 5·43	+ 0·53	+ 0·85	+ 14·68
	Balasore	− 0·68	− 1·03	+ 1·50	− 2·01	+ 1·21	+ 4·91	− 5·67	− 4·72	+ 10·21	+ 2·31	+ 1·00	+ 0·22	+ 7·25
	Bhadrak	− 0·38	− 0·93	+ 1·48	− 1·03	− 0·58	+ 5·43	− 4·59	− 5·12	+ 3·91	+ 6·38	− 0·73	+ 0·03	+ 3·87
	Talcher	− 0·25	− 0·74	− 0·08	+ 0·53	− 0·68	− 1·31	− 3·66	+ 3·38	+ 0·55	+ 1·09	− 1·58	− 0·33	− 3·08
	Narsingpur	− 0·29	− 0·06	+ 1·40	− 0·03	+ 0·83	+ 1·43	+ 6·53	+ 2·44	+ 1·67	+ 0·52	− 2·36	− 0·15	+ 11·93
	Angul	− 0·21	− 0·94	+ 0·56	− 0·64	+ 0·54	− 3·71	− 0·27	− 2·67	− 0·62	+ 0·54	− 1·37	− 0·34	− 9·13
	Dhenkanal	− 0·29	− 0·60	+ 0·26	+ 0·44	+ 1·32	+ 0·02	+ 0·46	− 3·21	− 0·51	+ 1·37	− 1·27	− 0·28	− 2·29
	Bispara	− 0·37	− 0·27	+ 0·52	+ 0·79	− 0·81	− 1·77	+ 5·18	− 1·96	− 4·56	+ 3·23	− 1·24	− 0·48	− 1·74
	Kunjabangar	− 0·16	− 0·35	+ 1·89	− 1·66	+ 5·94	+ 7·38	+ 2·88	+ 0·75	− 3·77	+ 1·85	− 2·10	− 0·20	+ 12·45
	Banki (Charchika.)	− 0·18	− 0·45	+ 2·38	− 0·21	+ 0·56	+ 2·19	+ 2·90	+ 0·99	+ 4·75	+ 1·74	+ 2·94	+ 1·02	+ 18·63
	Cuttack	− 0·37	− 0·53	+ 1·21	− 1·35	+ 0·55	+ 1·43	+ 8·45	+ 2·22	+ 11·09	+ 2·88	+ 0·51	− 0·45	+ 25·64
	False Point	− 0·34	− 0·89	− 0·56	− 2·04	− 1·11	+ 1·11	− 1·69	− 2·57	+ 4·59	+ 0·42	+ 0·75	− 0·63	− 2·96
	Puri	− 0·17	− 1·04	+ 0·75	− 0·83	− 0·75	+ 1·52	+ 4·74	+ 2·25	+ 6·32	+ 3·59	− 0·31	− 0·24	+ 15·83
	Darjeeling	− 0·37	− 1·10	− 2·09	+ 1·10	− 1·30	+ 6·73	+ 26·64	+ 3·79	− 1·29	+ 4·42	− 0·16	− 0·19	+ 36·18
	Buxa	+ 0·10	− 0·95	− 3·16	− 0·89	− 9·87	+ 0·20	+ 11·22	+ 7·75	− 3·81	+ 10·40	− 0·28	− 0·04	+ 10·67
	Jalpaiguri	− 0·43	− 0·33	− 1·71	+ 2·31	− 3·57	+ 10·96	+ 14·14	+ 5·05	− 2·06	+ 12·63	− 0·14	− 0·08	+ 36·77
	Kuch Bihar	0	− 0·39	− 1·61	+ 4·90	− 6·90	+ 11·15	+ 5·37	+ 22·50	+ 8·23	+ 6·77	− 0·12	− 0·09	+ 49·81
	Kishanganj	+ 0·57	− 0·41	− 0·59	− 0·41	− 2·59	+ 8·64	+ 4·12	+ 11·85	+ 1·74	+ 9·82	− 0·07	− 0·13	−32·54
	Purnea	− 0·52	− 0·51	− 0·32	− 0·98	− 0·92	+ 3·97	+ 4·89	+ 4·75	+ 6·80	+ 2·89	− 0·08	− 0·14	+ 19·83
	Rangpur	+ 0·05	− 0·38	− 1·02	− 0·67	− 1·53	+ 3·67	− 2·00	− 1·65	+ 10·23	+ 14·81	− 0·28	− 0·11	+ 21·12
	Dinajpur	+ 0·13	− 0·56	− 0·74	+ 1·25	+ 0·78	+ 0·73	+ 1·93	+ 4·71	+ 1·16	+ 9·88	− 0·21	− 0·09	+ 18·97
	Malda	− 0·71	− 0·64	− 0·60	− 0·83	+ 0·90	+ 1·59	− 0·71	+ 8·26	+ 3·28	+ 2·57	− 0·19	− 0·31	+ 12·61
	Bogra	+ 0·21	− 0·91	+ 0·13	− 0·14	− 3·54	− 1·54	− 1·93	+ 4·79	+ 6·25	+ 7·39	− 0·10	− 0·11	+ 10·50
	Rampur Boalia	− 0·19	− 0·87	− 1·16	+ 1·62	− 1·75	+ 6·20	+ 10·93	− 3·54	− 0·06	+ 5·57	+ 0·60	− 0·08	+ 17·27
	Pabna	− 0·05	− 1·07	− 0·96	− 1·03	− 1·80	− 0·34	− 1·74	− 2·87	− 2·09	− 0·31	− 0·61	− 0·10	−12·97
	Suri	− 0·46	− 0·91	− 0·07	+ 0·28	− 2·08	+ 5·98	+ 8·05	− 4·34	− 1·23	+ 2·69	+ 0·04	+ 0·06	+ 8·01
	Bankura	− 0·28	− 1·02	− 0·25	− 0·54	+ 1·15	+ 2·28	+ 7·78	− 7·78	+ 2·70	+ 0·27	− 0·54	− 0·16	+ 3·61
	Burdwan	− 0·16	− 0·73	− 0·50	− 1·02	− 2·00	+ 11·18	+ 7·02	− 4·83	+ 2·61	− 0·77	− 0·15	− 0·16	+ 10·49
	Hoogly	+ 0·16	− 1·31	− 1·09	− 2·23	− 1·11	+ 4·97	− 5·46	− 5·05	+ 4·74	+ 2·19	− 0·46	− 0·11	− 4·76
	Howrah	− 0·04	− 1·27	− 1·37	− 1·13	− 1·70	+ 2·34	− 3·80	− 3·75	+ 0·89	+ 2·70	− 0·50	− 0·10	− 7·73
	Midnapore	− 0·73	− 0·97	− 0·44	− 0·93	+ 0·57	+ 7·71	− 6·26	− 6·57	− 0·34	+ 0·27	− 0·47	− 0·26	− 8·42
	Tamluk	− 0·16	− 1·22	− 0·73	− 1·43	+ 4·34	+ 3·41	− 1·61	− 7·55	+ 3·64	+ 2·62	− 0·28	+ 0·34	+ 1·37
	Berhampore	− 0·34	− 0·92	− 0·91	− 1·42	− 3·10	+ 1·25	+ 9·91	+ 0·45	− 1·07	+ 2·45	− 0·37	− 0·12	+ 5·81
	Krishnagar	− 0·43	− 0·97	− 0·99	− 0·97	− 0·95	+ 4·62	+ 2·71	− 1·88	+ 4·24	+ 3·02	− 0·50	− 0·07	+ 7·83
	Faridpur	+ 1·38	− 1·20	− 0·03	− 2·35	− 2·86	− 2·16	− 1·59	+ 2·18	− 5·31	+ 2·94	− 0·74	− 0·11	− 9·85
	Jessore	+ 1·01	− 0·80	− 1·70	− 0·91	− 1·90	+ 6·46	− 2·47	+ 0·94	− 3·10	+ 4·19	− 1·04	− 0·15	+ 0·53
	Basirhat	+ 1·03	− 1·01	− 1·83	+ 2·91	+ 0·22	+ 3·25	− 1·43	− 2·17	− 3·20	+ 5·95	− 0·48	− 0·03	+ 3·21
	Khulna	+ 0·44	− 1·13	− 1·73	− 0·86	− 0·28	+ 3·10	+ 0·83	− 4·58	− 4·55	+ 3·55	− 0·56	− 0·30	− 6·27

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*contd.*	Barisal . .	− 0·09	− 0·94	− 1·46	+ 0·57	− 0·32	+ 1·61	+ 1·61	− 4·61	− 3·78	+ 2·03	− 1·11	− 0·25	− 6·74
	Calcutta (Chowringhee).	+ 0·41	− 1·31	− 0·83	− 0·74	− 0·95	+ 4·30	− 3·26	− 3·91	+ 1·37	+ 4·11	− 0·80	− 0·24	− 1·85
	Alipore (Jail) .	+ 0·36	− 1·45	− 1·19	− 0·88	− 0·50	+ 3·80	− 1·72	− 3·62	+ 2·61	+ 5·11	− 0·51	− 0·30	+ 1·71
	Alipore (Obsy.)	+ 0·36	− 1·20	− 0·98	− 0·57	− 0·18	+ 3·47	− 2·65	− 4·66	+ 2·81	+ 4·54	− 0·67	− 0·49	− 0·22
	Saugor Island .	− 0·31	− 1·02	− 0·45	− 1·19	+ 1·24	− 1·11	− 7·29	− 5·66	+ 0·29	+ 12·09	+ 0·36	− 0·20	− 3·25
	Mymensingh .	+ 0·98	− 1·12	+ 0·03	+ 0·19	− 0·90	− 0·27	+ 3·02	− 1·78	− 4·11	+ 3·28	− 0·69	− 0·11	− 1·48
	Kishorganj .	+ 0·63	− 0·78	+ 0·15	− 1·11	+ 1·13	− 0·64	− 0·83	+ 1·67	− 5·93	+ 0·89	− 0·47	− 0·27	− 3·00
	Atia (Tangail) .	+ 1·20	− 1·07	− 0·01	+ 2·46	+ 7·23	− 1·88	− 0·07	− 3·57	− 4·27	+ 3·95	+ 0·33	− 0·08	+ 4·22
	Dacca . .	+ 2·40	− 0·99	+ 0·06	+ 0·79	+ 4·09	− 2·21	+ 2·65	− 1·05	− 7·74	+ 0·89	− 0·72	− 0·19	− 2·02
	Comilla .	+ 0·20	− 0·87	− 2·60	− 3·90	+ 0·16	− 4·39	+ 3·39	− 3·63	− 6·34	+ 2·82	− 1·26	− 0·24	− 16·66
	Agartalla .	− 0·48	− 1·03	− 0·75	+ 0·83	+ 1·92	+ 1·97	+ 5·13	− 5·03	− 1·58	?	?	?	?
	Noakhali .	− 0·11	− 0·86	+ 0·23	+ 1·37	+ 1·49	− 6·75	+ 3·48	− 2·80	− 3·35	+ 2·35	− 1·75	− 0·35	− 7·05
	Demagiri .	− 0·43	− 1·23	+ 3·09	− 2·21	− 4·12	− 5·68	+ 0·27	− 3·61	+ 3·28	− 0·54	− 1·38	− 0·18	− 12·74
	Rangamati Hill	− 0·45	− 0·27	+ 1·68	+ 0·97	− 1·99	− 3·57	+ 2·19	− 1·51	− 4·24	− 2·86	− 1·76	− 0·46	− 12·27
	Chittagong .	+ 0·14	− 1·12	+ 0·93	− 0·18	− 6·47	− 6·38	+ 28·30	+ 1·33	− 2·83	− 1·19	− 0·23	− 0·22	+ 12·08
	Cox's Bazar .	− 0·70	− 0·47	+ 0·35	+ 1·77	− 2·66	+ 1·35	+ 4·26	− 1·97	− 3·17	− 4·24	− 1·05	+ 0·09	− 6·44
ASSAM .	Sylhet . .	+ 0·58	− 1·41	+ 2·01	+ 10·97	+ 2·58	+ 5·54	+ 9·05	+ 8·20	− 5·74	− 5·16	− 1·06	+ 0·29	+ 25·85
	Silchar . .	+ 0·78	− 2·22	+ 11·72	− 0·48	− 4·75	+ 1·96	− 3·03	+ 1·80	− 1·81	− 1·87	− 1·11	− 0·12	+ 0·87
	Cherra Poonjee	+ 0·27	− 1·96	− 1·03	+ 8·49	− 22·13	+ 83·60	+ 1·82	+ 40·01	− 36·39	− 5·11	− 1·59	− 0·28	+ 65·70
	Tura . .	+ 0·42	− 0·74	− 1·38	+ 0·58	− 3·45	+ 11·93	+ 0·74	+ 4·57	− 1·10	+ 10·88	− 0·45	− 0·12	+ 21·88
	Shillong . .	− 0·12	− 0·74	− 1·17	+ 0·51	− 1·92	+ 3·75	− 1·43	− 1·66	− 7·27	− 0·01	− 0·17	− 0·30	− 10·53
	Dhubri . .	+ 0·52	− 0·52	− 1·65	+ 1·68	− 4·57	+ 10·62	− 3·79	+ 1·98	+ 2·58	+ 6·38	− 0·12	− 0·16	+ 12·95
	Goalpara .	+ 0·50	− 0·54	− 2·04	− 0·86	− 2·90	+ 11·89	− 4·06	+ 1·37	− 1·25	+ 2·07	− 0·20	− 0·27	+ 3·71
	Kulsi . .	− 0·10	− 0·51	− 1·36	+ 1·11	− 4·57	− 4·93	+ 0·20	− 4·23	− 7·36	− 1·66	− 0·18	− 0 12	− 23·71
	Gauhati . .	+ 0·22	− 0·62	− 2·05	+ 1·30	− 5·27	− 2·65	+ 5·14	− 1·37	− 4·31	+ 0·29	+ 0·53	0	− 8·79
	Nowgong .	+ 0·88	− 0·42	− 1·62	− 2·44	− 4·86	− 0·81	+ 10·41	− 0·65	− 2·78	+ 0·32	+ 0·50	− 0·05	− 1·52
	Tezpur . .	+ 1·12	− 0·85	− 1·98	− 0·62	− 6·58	− 3·07	+ 1·88	+ 2·44	− 3·25	+ 0·83	− 0·32	+ 0·62	− 9·78
	Chardner .	− 0·24	− 1·14	− 1·63	+ 2·81	− 5·82	+ 0·12	+ 2·20	− 3·23	− 1·47	+ 3·50	+ 0·22	+ 4·38	− 0·30
	Sibsagar . .	+ 1·60	− 1·19	− 1·44	− 2·79	− 7·64	+ 2·53	+ 6·00	+ 3·47	− 2·39	− 0·63	− 0·78	+ 2·24	− 0·96
	Dibrugarh .	− 0·84	− 1·32	+ 0·40	+ 0·45	− 7·50	+ 11·02	− 1·53	+ 8·94	− 8·63	+ 2·45	− 1·22	+ 1·48	+ 3·70
	Kohima . .	+ 0·42	− 1·10	− 1·05	− 0·20	− 0·04	− 0·48	+ 7·21	− 4·68	− 2·38	+ 2·19	− 1·23	− 0·47	− 1·81
CENTRAL PROVINCES.	Saugor . .	− 0·67	− 0·49	+ 0·16	− 0·02	− 0·56	+ 13·21	− 3·21	− 2·88	+ 4·43	− 1·15	− 0·26	− 0·27	+ 8·29
	Damoh . .	− 0·56	− 0·36	+ 0·41	+ 0·27	− 0·36	+ 12·39	− 4·38	+ 5·60	− 1·15	− 1·63	− 0·29	− 0·42	+ 9·52
	Jubbulpore .	− 0·67	− 0·38	+ 0·99	− 0·12	− 0·43	− 0·06	− 6·53	− 0·48	+ 1·87	− 0·83	+ 0·25	− 0·27	− 6·66
	Narsingpur .	− 0·43	− 0·25	+ 1·04	− 0·16	− 0·38	− 1·31	+ 1·73	− 2·00	+ 5·84	− 1·52	− 0·20	− 0·40	+ 1·96
	Hoshangabad .	− 0·34	− 0·11	+ 0·05	+ 0·22	− 0·43	− 2·09	− 3·28	− 2·30	− 0·10	− 0·76	− 0·35	− 0·42	− 9·91
	Khandwa .	− 0·31	− 0·25	0	+ 0·74	− 0·28	− 3·10	− 3·36	+ 0·05	+ 0·48	− 1·14	+ 0·10	+ 0·81	− 6·26
	Badnur (Betul)	− 0·47	− 0·31	− 0·36	+ 0·17	− 0·53	+ 0·43	− 0·89	+ 5·69	+ 3·91	− 1·26	+ 1·23	− 0·08	+ 7·58
	Pachmarhi .	− 0·55	− 0·23	− 0·06	− 0·01	− 0·58	− 1·88	− 2·40	− 3·92	+ 3·35	− 1·15	+ 1·89	− 0·48	− 6·02
	Chhindwara .	− 0·71	− 0·32	− 0·44	+ 0·20	− 0·64	− 2·27	+ 4·03	− 1·23	+ 2·30	− 2·12	+ 2·46	+ 0·09	+ 1·35
	Seoni . .	− 0·67	− 0·81	+ 0·03	+ 0·17	− 0·78	− 2·88	+ 3·99	+ 4·18	+ 5·84	− 1·56	+ 1·48	+ 0·91	+ 9·90

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL PROVINCES, —*concld.*	Balaghat	− 0·49	− 0·56	+ 0·76	+ 0·10	− 0·82	− 3·19	+ 6·19	+ 1·58	− 0·10	− 0·77	+ 2·45	+ 0·25	+ 5·40
	Mandla	− 0·60	− 0·37	+ 0·30	+ 0·30	− 0·49	− 0·99	− 1·60	+ 3·99	+ 0·56	− 1·35	+ 0·57	− 0·35	− 0·03
	Bilaspur	− 0·53	− 0·27	+ 0·26	− 0·23	− 0·90	− 4·10	+ 8·79	− 1·41	+ 4·98	− 0·56	+ 0·18	− 0·27	+ 5·94
	Chappa	− 0·25	− 0·18	− 0·32	− 0·36	− 0·28	− 4·23	− 1·71	− 5·72	− 7·83	− 1·41	− 0·36	− 0·17	− 22·82
	Sarangarh	− 0·22	− 0·27	− 0·52	− 0·18	− 0·54	− 1·42	+ 0·57	+ 2·87	+ 3·02	− 3·18	+ 2·06	− 0·24	+ 1·95
	Raigarh	− 0·24	− 0·25	− 0·33	− 0·13	− 0·58	+ 1·55	+ 4·07	− 1·23	− 0·92	− 2·37	− 0·38	− 0·37	− 1·18
	Sambalpur	− 0·63	− 0·56	+ 2·44	− 0·39	− 0·47	− 1·42	+ 6·87	− 2·45	− 3·00	− 2·13	− 0·02	− 0·33	− 2·09
	Raipur	− 0·30	− 0·25	0	+ 0·12	− 0·34	− 3·32	− 4·54	+ 0·61	+ 0·32	− 1·94	+ 0·32	0	− 9·32
	Dhamtari	− 0·21	− 0·34	+ 0·13	+ 0·12	− 1·34	− 1·09	− 4·86	− 0·15	+ 2·54	− 1·03	+ 1·11	+ 0·12	− 5·00
	Bhandara	− 0·87	− 0·52	− 0·51	+ 0·07	− 1·01	− 0·05	+ 4·26	− 2·22	+ 8·85	− 1·01	+ 9·31	+ 1·87	+ 18·17
	Nagpur	− 0·58	− 0·38	− 0·32	− 0·26	− 0·71	+ 0·81	+ 2·33	+ 2·66	+ 6·07	− 2·19	+ 2·04	+ 2·11	+ 11·58
	Arvi	− 0·59	− 0·21	+ 0·19	+ 0·16	− 0·75	− 1·01	+ 4·22	− 1·42	− 1·27	− 2·40	+ 0·13	+ 1·00	− 1·95
	Wardah	− 0·32	− 0·25	− 0·29	− 0·20	− 0·75	− 2·79	+ 1·28	− 5·22	+ 2·14	− 2·24	+ 2·36	+ 0·49	− 5·79
	Brahmapuri	− 0·42	− 0·17	− 0·41	− 0·12	− 0·74	+ 1·07	− 6·52	+ 1·03	+ 1·36	− 1·76	+ 4·37	+ 1·30	− 1·01
	Chanda	− 0·19	− 0·62	− 0·86	− 0·49	− 2·16	+ 0·65	+ 4·91	− 5·37	+ 3·87	− 2·12	+ 1·22	+ 0·68	− 0·48
	Sironcha	− 0·21	− 0·32	− 0·42	− 0·09	− 1·63	+ 3·46	+ 2·12	− 0·97	+ 4·65	− 1·08	+ 0·09	+ 1·57	+ 7·17
	Bastar (Jagdalpore).	− 0·11	− 0·07	+ 0·26	+ 3·08	− 1·84	+ 2·82	− 7·82	+ 4·99	+ 4·31	+ 0·09	− 1·25	+ 0·25	+ 4·71
BERAR	Makhla	− 0·31	− 0·21	+ 0·02	+ 0·28	− 0·43	− 0·62	+ 2·95	− 2·44	+ 3·66	− 3·23	− 0·03	− 0·45	− 0·81
	Chikalda	− 0·55	− 0·17	+ 0·24	+ 0·30	− 0·51	− 3·23	+ 6·13	− 5·40	− 1·14	− 4·36	− 0·23	− 0·82	− 9·74
	Ellichpur	− 0·40	− 0·14	− 0·14	+ 0·22	− 0·20	− 1·38	+ 2·98	− 2·53	− 0·12	− 2·30	+ 1·89	− 0·44	− 2·56
	Amraoti	− 0·46	− 0·20	− 0·03	+ 0·22	− 0·63	+ 0·23	+ 3·65	− 3·75	+ 0·54	− 1·58	+ 1·08	+ 0·18	− 0·75
	Akola	− 0·48	− 0·13	− 0·25	+ 0·56	− 0·11	+ 1·51	+ 6·78	− 2·50	− 1·21	− 2·18	+ 0·24	+ 0·13	+ 2·36
	Buldana	− 0·64	− 0·13	0	− 0·16	− 0·53	+ 1·20	+ 0·66	+ 4·64	+ 1·93	− 1·65	+ 0·84	+ 0·16	+ 6·32
	Basim	− 0·34	− 0·12	+ 0·59	0	− 0·53	− 1·82	+ 7·62	− 2·22	− 2·15	− 1·42	+ 4·24	− 0·06	+ 3·79
	Yeotmal	− 0·26	− 0·15	− 0·36	+ 0·45	− 0·87	+ 0·47	− 0·27	− 4·36	+ 3·26	− 2·34	+ 1·40	+ 0·49	− 2·54
	Wun	− 0·31	− 0·12	− 0·49	+ 0·06	− 0·44	+ 2·86	+ 9·93	− 3·53	+ 6·89	− 1·36	+ 0·81	+ 0·97	+ 15·27
BOMBAY	Dhulia	− 0·35	− 0·07	0	+ 1·14	− 0·37	+ 4·17	− 3·07	+ 0·61	+ 1·67	− 1·43	− 0·32	+ 1·05	+ 3·03
	Nasik	− 0·09	− 0·03	− 0·04	+ 0·42	− 0·62	+ 2·39	− 4·25	− 0·73	+ 0·84	+ 0·87	− 0·33	+ 1·84	+ 0·27
	Igatpuri	− 0·19	− 0·08	− 0·04	− 0·06	− 0·46	+ 14·94	+ 9·05	+ 0·53	− 4·73	− 1·30	+ 0·10	+ 0·35	+ 18·11
	Malegaon	− 0·27	− 0·15	− 0·01	− 0·06	− 0·06	+ 0·57	− 3·39	− 1·25	+ 0·35	− 2·31	+ 0·17	− 0·17	− 6·58
	Ahmednagar	− 0·34	− 0·06	− 0·15	− 0·10	− 1·18	− 0·61	− 2·52	− 1·58	− 2·89	+ 0·76	+ 1·36	+ 3·38	− 3·93
	Poona	− 0·22	− 0·03	− 0·15	+ 0·72	− 1·43	− 1·81	− 2·31	− 0·61	− 0·48	− 1·57	+ 3·53	+ 0·34	− 4·02
	Lanauli	− 0·09	− 0·01	− 0·09	− 0·09	− 0·23	+ 7·40	+ 12·50	+ 10·07	− 2·57	− 3·64	+ 1·65	+ 0·25	+ 25·15
	Satara	− 0·34	− 0·07	− 0·09	+ 0·02	− 1·50	+ 2·81	0	− 1·88	− 2·17	− 2·35	− 0·48	+ 1·91	− 4·14
	Mohableshwar	− 0·40	− 0·04	− 0·37	+ 0·53	− 1·30	+ 18·52	+ 40·41	+ 15·60	− 12·93	− 3·82	+ 1·78	+ 0·45	+ 58·43
	Sholapur	− 0·08	− 0·10	+ 0·01	− 0·01	− 1·12	− 0·08	− 2·21	− 0·45	− 1·38	− 2·88	+ 5·96	+ 1·05	− 1·29
	Kolhapur	− 0·06	− 0·01	− 0·08	+ 1·37	− 1·42	− 1·16	+ 10·82	+ 1·93	− 1·11	− 0·55	+ 1·72	+ 1·39	+ 12·84
	Baura	− 0·32	− 0·01	− 0·03	− 0·25	+ 1·82	− 6·15	+ 38·72	+ 13·01	− 17·57	− 2·09	+ 2·05	+ 2·35	+ 31·53
	Belgaum	− 0·08	− 0·02	− 0·49	+ 0·09	− 2·55	− 2·80	+ 6·43	− 3·00	− 0·93	+ 2·66	+ 3·70	− 0·08	+ 2·93
	Gokak	− 0·07	0	− 0·33	+ 0·79	− 1·87	− 1·86	+ 2·61	− 0·48	− 0·47	− 4·01	+ 1·83	+ 0·07	− 3·79
	Dharwar	− 0·16	0	− 0·27	+ 2·17	− 1·91	− 3·00	+ 1·66	− 3·14	− 1·88	− 2·17	+ 3·59	+ 0·42	− 4·70

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—contld.	Hubli	− 0·13	0	− 0·22	+ 0·46	− 1·80	− 0·91	− 0·18	− 2·41	+ 1·82	+ 2·12	+ 3·27	+ 0·28	+ 2·30
	Nargund	− 0·24	− 0·09	− 0·17	− 0·52	− 1·22	− 0·27	+ 0·21	+ 0·04	+ 2·85	+ 0·65	+ 0·28	+ 0·29	+ 1·81
	Mandargi	− 0·30	0	− 0·17	+ 2·35	− 1·46	− 0·24	+ 0·32	− 0·62	− 0·09	+ 0·83	+ 5·62	+ 0·30	+ 6·54
	Kalghatgi	− 0·12	0	− 0·19	+ 2·93	− 0·70	− 1·32	+ 0·93	+ 0·43	− 1·28	+ 0·18	+ 7·92	+ 0·43	+ 9·21
	Bijapur	− 0·08	− 0·02	− 0·09	+ 0·68	+ 1·03	+ 1·69	− 1·68	− 1·99	+ 1·00	− 1·56	+ 4·98	− 0·24	+ 3·72
	Honawar	− 0·22	0	− 0·12	+ 0·75	+ 8·38	+ 8·07	+ 10·30	− 0·95	− 9·71	− 2·54	− 0·35	+ 0·02	+ 13·63
	Karwar	− 0·16	0	− 0·05	+ 1·58	+ 2·37	+ 1·07	+ 8·09	+ 3·00	− 6·43	− 4·32	+ 0·61	− 0·14	+ 5·62
	Goa	− 0·21	0	− 0·02	− 0·09	− 0·05	− 0·90	+ 6·23	+ 6·36	− 6·96	− 2·47	+ 0·93	− 0·10	+ 3·72
	Vingurla	− 0·27	0	+ 0·43	+ 0·06	+ 4·20	− 3·70	+ 15·55	+ 1·62	− 4·73	− 1·07	− 0·32	− 0·22	+ 11·55
	Ratnagiri	− 0·88	− 0·01	+ 0·01	− 0·14	− 0·34	+ 8·63	+ 11·58	+ 10·49	− 7·21	− 3·10	+ 0·60	− 0·08	+ 19·49
	Colaba (Obsy.)	− 0·14	− 0·02	− 0·01	− 0·02	− 0·46	+ 3·07	− 2·91	− 4·10	− 4·03	− 1·24	+ 0·74	+ 0·07	− 9·05
	Byculla (J. J. Hospital).	− 0·20	− 0·01	− 0·01	0	− 0·05	+ 9·49	− 4·57	− 3·89	− 2·42	− 2·69	+ 0·36	− 0·05	− 4·04
	Tanna	− 0·19	− 0·06	0	0	− 0·33	+ 10·00	− 5·33	+ 2·19	− 4·81	− 2·21	+ 0·46	− 0·06	− 0·34
	Matheran	− 0·12	− 0·01	− 0·01	− 0·02	− 0·66	+ 16·13	+ 40·05	+ 22·55	+ 0·47	− 1·45	+ 1·26	− 0·06	+ 78·13
	Surat	− 0·04	− 0·02	0	0	− 0·20	+ 20·23	− 0·63	− 3·92	− 0·37	− 0·52	− 0·11	− 0·04	+ 14·38
	Broach	− 0·06	− 0·02	− 0·01	0	− 0·14	+ 6·20	− 9·81	− 1·92	− 4·09	− 1·46	− 0·19	− 0·04	− 11·54
	Kaira	− 0·04	− 0·18	− 0·01	− 0·04	− 0·41	− 1·72	− 4·09	+ 1·94	− 2·05	− 0·44	− 0·32	0	− 7·36
	Bariya	− 0·07	− 0·26	0	0	− 0·29	− 1·40	− 1·01	+ 2·76	− 4·59	− 0·76	− 0·11	− 0·10	− 5·83
	Godhra	− 0·05	− 0·13	+ 0·13	− 0·01	− 0·48	+ 3·60	− 2·22	− 1·48	− 3·24	− 0·89	− 0·15	− 0·09	− 5·01
	Dohad	− 0·07	− 0·18	− 0·02	− 0·03	− 0·44	+ 0·65	− 1·85	+ 0·28	− 1·88	− 1·13	− 0·14	+ 0·45	− 4·36
	Ahmedabad	− 0·02	− 0·09	− 0·02	− 0·03	− 0·63	+ 0·45	− 2·42	− 2·38	+ 0·11	− 0·54	− 0·14	− 0·04	− 5·75
	Edar	− 0·04	− 0·16	0	+ 0·23	− 0·73	+ 0·66	− 1·36	+ 0·53	− 4·66	− 0·35	− 0·15	− 0·06	− 6·09
	Deesa	− 0·13	− 0·17	− 0·07	+ 0·02	− 0·20	− 0·81	− 3·85	− 1·79	− 1·90	− 0·72	− 0·09	− 0·02	− 9·73
	Wadhwan	− 0·06	− 0·06	− 0·03	+ 0·01	− 0·23	− 0·49	− 5·54	− 1·72	− 2·36	+ 0·08	− 0·52	− 0·03	− 10·95
	Palanpur	− 0·09	− 0·22	+ 0·04	+ 0·01	− 0·75	− 0·32	− 0·09	− 4·39	− 3·75	− 0·62	− 0·06	− 0·06	− 10·50
	Rajkot	− 0·05	− 0·09	− 0·01	+ 0·04	+ 0·02	− 2·44	− 5·70	+ 0·19	− 2·07	− 0·49	− 0·33	+ 0·43	− 10·50
	Songad	− 0·05	− 0·09	− 0·04	+ 0·21	− 0·30	+ 1·60	− 3·77	+ 0·60	− 3·32	− 1·21	− 0·10	− 0·04	− 6·51
	Jetalsar	− 0·15	− 0·20	0	0	− 0·04	+ 4·34	− 5·23	+ 0·83	− 1·37	+ 0·64	− 1·08	− 0·01	− 2·27
HYDERABAD	Aurangabad (Cantt.)	− 0·18	− 0·03	− 0·06	− 0·17	− 0·46	− 0·24	− 2·57	− 1·75	− 3·90	− 1·19	+ 4·75	+ 1·55	− 6·25
	Jalna	− 0·18	− 0·04	− 0·06	− 0·01	− 0·60	+ 0·99	− 1·45	0	+ 0·02	− 1·59	+ 3·83	+ 1·48	+ 2·39
	Hingoli	− 0·44	− 0·13	− 0·18	− 0·22	− 0·74	+ 1·14	+ 9·21	− 3·07	− 2·91	− 0·48	+ 4·79	+ 0·41	+ 7·38
	Hingoli (Parbhani).	− 0·07	− 0·03	− 0·08	− 0·02	− 0·68	+ 2·43	+ 3·23	− 0·78	− 1·95	− 2·02	+ 2·03	− 0·36	+ 1·70
	Nandair (Nandair).	− 0·16	− 0·06	+ 1·08	− 0·03	− 0·83	+ 3·95	+ 7·78	− 0·34	+ 3·28	− 2·60	+ 0·35	+ 0·12	+ 12·54
	Bheer (Bheer)	− 0·16	− 0·01	+ 0·06	− 0·27	− 0·23	+ 4·21	− 4·06	+ 0·29	− 0·41	− 1·99	+ 4·00	+ 0·66	+ 1·99
	Mominabad	− 0·26	− 0·08	− 0·06	+ 1·42	− 0·49	+ 1·68	+ 0·85	− 2·01	+ 0·59	− 2·71	+ 2·22	+ 0·68	+ 1·83
	Indur (Indur)	− 0·04	− 0·01	+ 0·10	− 0·29	− 0·19	+ 3·49	+ 7·99	− 3·76	+ 3·22	− 2·43	+ 0·28	+ 2·11	+ 10·47
	Kurreemnugger (Yelgandal).	− 0·14	− 0·13	− 0·43	+ 0·07	− 1·07	+ 1·14	+ 2·59	− 2·81	+ 2·00	− 2·80	+ 2·28	+ 0·12	+ 0·82
	Kundy (Medak)	− 0·02	− 0·11	− 0·30	− 0·04	− 0·46	+ 1·66	− 3·55	+ 2·41	+ 1·12	− 1·70	+ 1·09	− 0·20	− 0·10
	Shumsabad (Ibrahimpatan).	− 0·06	− 0·05	− 0·35	+ 0·67	− 0·25	+ 2·56	− 3·56	+ 0·20	+ 1·20	− 0·94	+ 0·36	− 0·14	− 0·36
	Sundanully (Ibrahimpatan).	0	0	+ 0·08	+ 0·23	+ 0·25	+ 0·60	− 0·81	+ 0·40	+ 2·69	− 1·59	− 1·09	+ 0·47	+ 1·23
	Daraseo (Naldurg.	0	− 0·02	− 0·15	+ 0·57	− 0·69	+ 2·29	+ 5·31	− 3·15	− 2·66	− 0·97	− 1·01	+ 0·98	+ 0·50

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
HYDERABAD —*concld.*	Bida (Bidar)	0	0	— 0·16	+ 0·37	— 0·95	— 0·13	— 2·37	— 2·29	— 2·18	— 1·80	+ 1·43	+ 3·70	— 4·38
	Gulbarga (Gulburga).	— 0·08	— 0·11	— 0·03	— 0·40	— 1·11	— 2·11	— 1·92	— 0·22	— 0·67	— 0·83	+ 1·53	0	— 5·95
	Bolarum	— 0·12	— 0·16	— 0·42	+ 0·34	— 0·89	+ 4·24	+ 0·01	+ 1·21	— 0·76	— 1·45	+ 0·85	+ 0·41	+ 3·26
	Secunderabad	— 0·26	— 0·20	— 0·67	— 0·32	+ 0·07	+ 3·98	+ 0·05	+ 5·55	+ 0·02	— 2·82	+ 0·74	+ 0·33	+ 6·47
	Hyderabad (Residency).	— 0·12	— 0·05	— 0·25	— 0·33	+ 0·46	+ 3·45	— 1·60	+ 5·11	— 0·26	— 2·93	+ 1·18	— 0·48	+ 4·18
	Zanawada (Hyderabad).	0	0	— 0·01	+ 0·15	— 0·89	+ 3·65	— 1·73	+ 1·27	— 0·03	— 0·27	+ 0·68	— 0·03	+ 2·79
	Bonghur (Nalgonda).	— 0·15	— 0·01	— 0·37	— 0·42	— 1·23	+ 2·49	— 2·60	— 0·97	— 1·38	— 2·93	— 0·46	— 0·18	— 8·21
	Hanamconda (Warangal).	— 0·27	— 0·18	— 0·93	+ 0·07	+ 0·12	+ 3·30	+ 0·04	— 3·79	+ 3·56	— 2·28	— 0·33	— 0·44	— 1·13
	Sirpur Tand ur (Sirpur Tandur).	— 0·08	— 0·18	— 0·21	— 0·21	— 0·38	— 1·30	+ 6·90	— 5·67	+ 5·12	— 1·12	+ 1·31	— 0·52	+ 3·66
	Palmoor (Mahboobnuggur).	— 0·04	— 0·10	— 0·26	+ 1·33	— 0·57	+ 1·42	+ 0·97	— 1·20	+ 5·64	— 0·45	— 0·02	+ 0·10	+ 6·62
	Raichur (East Raichur).	— 0·04	0	+ 0·12	+ 0·13	— 1·07	+ 3·20	+ 2·38	+ 0·86	+ 4·14	+ 0·11	+ 2·54	+ 0·91	+ 13·28
	Raichur (Cantt).	0	0	— 0·37	+ 0·33	— 1·99	+ 2·54	— 0·07	— 1·82	+ 0·27	— 0·66	+ 0·88	+ 0·45	— 0·44
	Rambha	— 0·13	— 0·52	+ 2·07	— 0·72	+ 0·25	+ 2·46	+ 6·38	+ 0·97	— 1·12	+ 0·39	— 1·00	— 0·33	+ 8·70
MADRAS	Gopalpur	— 0·15	— 0·51	— 0·10	— 0·46	— 0·60	— 3·97	— 0·20	— 3·74	— 3·32	— 0·45	— 0·88	— 0·41	— 14·79
	Aska	— 0·20	— 0·51	+ 0·80	— 1·21	+ 2·79	+ 0·86	+ 0·40	— 2·76	— 2·27	+ 1·71	+ 0·56	+ 0·47	+ 0·64
	Vizianagram	— 0·14	— 0·39	+ 0·87	— 0·38	— 1·66	— 1·12	— 2·57	+ 3·50	+ 0·33	— 5·05	+ 2·99	— 1·11	— 4·73
	Bimlipatam	— 0·25	— 0·43	— 0·20	— 0·06	— 1·55	+ 1·84	— 1·61	— 2·41	— 1·63	+ 2·20	+ 0·44	— 1·19	— 4·85
	Rayaghadda	— 0·09	— 0·09	— 0·04	+ 0·44	— 1·57	+ 5·79	— 4·54	+ 1·75	+ 1·52	— 1·02	— 1·07	+ 0·54	+ 1·62
	Nourangapur	— 0·13	— 0·24	— 0·03	+ 0·14	— 0·37	+ 3·61	— 7·13	+ 5·24	— 0·62	— 1·96	— 1·26	+ 0·16	— 2·59
	Gunipur	— 0·04	— 0·37	+ 1·57	— 1·36	+ 0·63	+ 1·17	— 2·14	— 1·46	— 0·93	— 1·47	+ 2·06	+ 0·95	— 1·39
	Jeypur	0	0	+ 0·19	+ 1·51	— 1·22	+ 7·02	+ 1·79	+ 15·96	— 0·19	+ 1·37	+ 0·95	+ 0·32	+ 27·70
	Koraput	— 0·03	— 0·01	+ 0·90	+ 1·69	— 1·15	+ 8·98	+ 2·23	+ 3·16	+ 3·55	+ 0·83	+ 0·09	+ 0·09	+ 20·33
	Malkanagiri	— 0·02	0	+ 0·03	+ 0·23	— 0·02	+ 2·33	— 3·25	+ 4·67	— 0·60	+ 0·20	+ 3·11	— 0·08	+ 6·60
	Narsapatnam	— 0·28	— 0·36	+ 0·73	— 0·75	— 2·33	+ 5·41	+ 2·39	+ 0·19	+ 2·10	— 0·31	— 0·46	+ 0·39	+ 6·72
	Vizagapatam	— 0·32	— 0·22	— 0·18	+ 1·62	— 0·91	+ 1·20	— 1·24	— 1·94	— 1·73	— 3·83	+ 0·07	— 1·37	— 8·85
	Cocanada	— 0·21	— 0·20	— 0·17	— 0·39	— 0·78	+ 5·06	+ 3·82	— 1·32	+ 1·20	— 3·97	+ 0·47	— 0·92	+ 2·59
	Rajahmundry	— 0·15	— 0·23	— 0·23	— 0·70	— 2·63	+ 3·21	+ 6·43	— 1·34	+ 1·20	— 1·02	+ 0·64	— 0·16	+ 5·02
	Ellore	— 0·21	— 0·11	— 0·40	— 0·53	— 0·93	+ 4·86	+ 5·42	— 3·03	— 6·35	— 0·44	+ 1·97	— 0·38	— 0·13
	Masulipatam	— 0·23	— 0·10	— 0·30	— 0·09	— 1·61	+ 0·19	— 1·16	— 1·99	— 2·97	— 2·47	+ 6·02	+ 0·44	— 4·27
	Guntur	— 0·31	— 0·12	— 0·49	— 0·53	— 1·78	+ 2·96	— 1·30	— 3·13	— 3·49	— 2·86	+ 3·47	— 0·47	— 8·05
	Vinukonda	— 0·26	— 0·01	+ 0·70	— 0·32	— 0·66	— 0·93	— 2·36	+ 0·02	+ 0·19	— 0·24	+ 2·19	— 0·39	— 2·07
	Ongole	— 0·28	— 0·03	— 0·21	— 0·20	— 1·34	— 0·03	— 2·83	— 0·71	— 0·02	— 4·21	+ 4·65	— 0·51	— 5·72
	Nellore	— 0·43	— 0·08	— 0·21	— 0·13	— 1·44	+ 0·77	+ 0·27	— 1·88	— 2·53	— 8·63	— 8·48	— 1·87	— 24·64
	Udayagiri	— 0·39	— 0·17	+ 1·20	— 0·10	— 0·84	+ 1·11	+ 0·35	— 1·08	— 0·26	— 3·93	— 3·02	— 0·28	— 7·41
	Tada	— 0·52	— 0·56	— 0·25	— 0·15	— 2·15	+ 0·63	+ 1·58	— 2·70	— 1·10	— 4·08	— 9·22	— 3·76	— 22·28
	Kurnool	— 0·04	— 0·03	— 0·32	+ 0·58	— 1·09	+ 4·17	— 2·12	+ 2·29	+ 2·57	+ 0·99	+ 0·86	+ 0·17	+ 8·03
	Cumbum	— 0·09	— 0·04	— 0·45	— 0·25	— 1·76	+ 0·47	— 1·27	+ 3·00	+ 0·73	— 5·07	— 0·44	+ 0·53	— 4·64
	Nandyal	— 0·08	— 0·02	— 0·15	+ 1·58	+ 0·08	+ 0·70	— 3·23	+ 1·79	+ 3·09	— 2·48	— 0·46	— 0·26	+ 0·56
	Bellary	— 0·13	— 0·04	— 0·37	+ 0·52	+ 0·50	— 1·07	— 0·38	— 1·18	+ 1·89	+ 1·95	+ 3·32	+ 0·05	+ 5·06
	Gooty	— 0·04	— 0·05	— 0·05	— 0·01	— 0·89	— 1·79	— 2·32	— 0·87	+ 1·23	— 2·85	+ 2·36	— 0·14	— 5·42
	Adony	— 0·05	0	+ 0·02	+ 1·08	— 0·60	— 0·25	— 1·28	+ 4·01	+ 1·13	— 3·34	+ 2·23	+ 2·89	+ 5·84

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*contd.*	Dharmavaram .	− 0·01	− 0·14	− 0·17	− 0·27	− 1·48	− 1·53	− 1·42	− 1·96	− 0·11	− 0·45	+ 4·14	+ 0·51	− 2·89
	Cuddapah .	− 0·10	− 0·01	− 0·22	+ 0·62	− 1·21	+ 1·55	+ 0·77	− 0·09	+ 2·70	− 0·78	− 1·14	+ 0·14	+ 2·23
	Madnapalle .	− 0·13	− 0·09	− 0·41	+ 0·20	− 1·96	− 1·45	− 1·87	− 1·91	− 0·92	− 2·09	− 0·61	− 1·12	− 12·36
	Chittoor . .	− 0·28	− 0·18	+ 0·02	+ 2·42	− 2·97	+ 4·32	+ 3·69	− 1·31	+ 0·69	− 1·32	+ 0·60	− 1·75	+ 3·93
	Vellore . .	− 0·36	− 0·28	− 0·15	+ 0·62	+ 2·31	+ 0·79	+ 2·82	− 0·45	− 0·53	+ 2·12	− 0·78	− 1·08	+ 5·03
	Chandragiri .	− 0·26	− 0·20	− 0·28	+ 0·01	− 1·41	− 0·22	− 0·52	+ 2·45	− 1·82	− 3·29	− 4·00	− 1·28	− 10·82
	Arcot . .	− 0·38	− 0·48	− 0·38	− 0·43	− 1·87	+ 4·91	+ 1·19	− 0·43	+ 1·96	+ 2·95	− 4·11	− 2·50	+ 0·43
	Madras . .	− 0·57	− 0·27	− 0·40	− 0·47	− 2·16	+ 3·96	+ 3·42	− 2·30	− 2·27	− 6·66	− 8·88	− 4·80	− 21·40
	Palmaner. .	− 0·18	− 0·18	− 0·17	− 0·15	+ 0·62	+ 12·16	+ 0·29	+ 0·09	+ 1·53	+ 0·89	− 2·59	− 1·42	+ 10·89
	Saidapet . .	− 0·18	− 0·20	− 0·30	− 0·09	+ 0·92	+ 5·07	+ 1·59	− 1·82	+ 0·02	− 8·69	− 12·34	− 6·59	− 24·45
	Chingleput .	− 0·10	− 0·28	− 0·13	+ 0·60	− 0·42	+ 5·61	+ 5·39	− 0·99	+ 0·17	+ 1·38	− 6·99	− 3·34	+ 0·90
	Conjeeveram .	− 0·28	− 0·34	− 0·14	+ 2·10	− 2·09	+ 5·12	+ 1·35	− 1·78	− 2·98	+ 4·08	− 6·95	− 2·44	− 4·35
	Tindivenam .	− 0·19	− 0·47	− 0·25	− 0·54	− 1·88	− 0·99	+ 3·13	− 0·28	− 2·01	+ 3·88	− 2·91	− 3·47	− 5·98
	Cuddalore .	− 0·09	− 0·24	− 0·34	− 0·81	− 1·70	+ 5·71	+ 0·80	− 3·25	+ 2·46	− 0·85	− 8·69	− 4·66	− 11·66
	Vriddhachalam	− 0·02	− 0·27	− 0·22	+ 3·30	− 0·50	+ 3·90	− 0·36	+ 0·90	+ 2·77	+ 3·47	+ 0·91	− 3·89	+ 9·99
	Udayarpalaiyam	− 0·18	− 0·27	+ 0·06	+ 2·93	− 1·60	+ 0·65	+ 0·73	+ 0·14	+ 2·49	+ 0·45	− 3·72	− 4·15	− 2·47
	Salem . .	− 0·11	− 0·06	+ 1·29	− 1·19	− 0·31	+ 0·15	+ 2·85	− 2·11	− 3·76	− 5·21	+ 2·89	− 0·93	− 6·50
	Atur . .	+ 0·17	− 0·20	+ 1·02	− 0·34	− 1·70	+ 3·94	− 0·24	+ 2·61	− 0·48	− 3·20	+ 0·96	− 1·31	+ 1·23
	Shevaroy Hills .	+ 0·37	− 0·16	+ 0·19	+ 0·42	− 1·97	− 0·57	− 0·89	− 2·34	− 3·76	− 3·7	+ 2·36	− 2·94	− 13·07
	Kumbaconam .	+ 0·24	− 0·41	− 0·41	+ 0·07	− 0·32	+ 3·42	+ 0·61	− 2·35	+ 0·04	+ 3·07	− 5·34	− 4·97	− 6·35
	Tirupatur .	− 0·11	− 0·29	− 0·51	− 0·75	− 1·38	+ 0·88	− 1·95	+ 3·94	− 2·02	− 2·30	− 2·49	− 0·60	− 7·58
	Hosur . .	− 0·12	− 0·22	− 0·06	+ 3·91	+ 2·32	− 1·44	+ 0·24	− 1·29	− 3·18	− 1·81	+ 2·48	− 1·06	− 0·23
	Tranquebar .	+ 0·65	+ 0·16	− 0·14	− 0·75	− 1·73	+ 4·89	− 0·39	− 2·24	+ 5·27	− 0·19	− 1·16	− 9·30	− 4·93
	Negapatam .	+ 2·41	− 0·63	− 0·24	− 0·86	− 1·97	+ 0·95	+ 0·27	+ 0·41	+ 1·69	+ 2·80	+ 0·62	− 9·36	− 3·91
	Tanjore . .	+ 0·19	− 0·36	− 0·47	+ 1·87	− 1·96	+ 1·52	+ 0·81	− 0·42	+ 3·36	+ 1·69	+ 0·60	− 3·96	+ 2·87
	Putukota .	− 0·49	− 0·14	− 0·37	+ 0·77	− 1·09	+ 0·05	− 0·51	+ 2·63	+ 0·27	+ 12·68	− 1·42	− 4·69	+ 7·69
	Trichinopoly .	− 0·14	− 0·46	− 0·53	− 1·45	− 2·76	+ 3·29	+ 0·04	− 0·55	− 2·39	+ 6·66	+ 0·05	− 2·75	− 0·99
	Karur . .	+ 0·18	− 0·10	− 0·37	+ 0·13	− 1·15	− 0·32	− 1·09	+ 1·36	− 0·28	+ 5·28	+ 5·08	− 1·48	+ 7·24
	Coimbatore .	− 0·06	− 0·13	+ 0·32	+ 1·35	− 0·04	− 1·33	− 0·94	+ 0·80	− 0·75	+ 2·35	− 2·55	− 1·06	− 2·04
	Kollegal . .	− 0·18	− 0·04	− 0·59	+ 4·73	+ 0·25	− 0·79	− 1·39	− 1·98	− 3·79	+ 0·31	+ 4·18	− 0·69	+ 0·02
	Dindigul . .	+ 0·09	− 0·07	− 0·27	+ 0·66	− 0·81	+ 2·41	+ 1·04	+ 0·06	− 1·66	+ 6·23	− 0·93	− 2·23	+ 4·52
	Madura (Obsy.)	− 0·04	− 0·12	+ 0·06	+ 0·51	+ 0·19	+ 2·80	+ 1·04	+ 1·34	− 0·47	+ 2·34	− 0·72	− 2·14	+ 4·79
	Pasumali . .	− 0·24	− 0·21	+ 0·30	+ 6·13	+ 8·71	+ 1·37	− 1·19	?	?	− 3·30	+ 0·97	− 0·12	?
	Vattanum .	+ 2·34	− 0·19	+ 0·92	+ 2·16	− 1·72	+ 0·11	+ 1·64	− 1·06	− 0·07	− 3·29	− 1·88	− 4·43	− 5·47
	Periyakulam .	− 0·24	+ 0·53	+ 0·58	+ 1·29	− 1·15	+ 0·46	− 0·26	− 0·31	− 1·93	+ 4·20	− 1·01	− 1·24	+ 0·92
	Tinnevelly .	− 1·14	+ 0·17	− 0·26	+ 0·54	− 1·62	− 0·38	− 0·30	− 0·42	− 0·88	− 1·92	− 5·57	− 1·14	+ 12·92
	Tuticorin .	− 0·93	+ 1·40	+ 0·17	+ 0·33	− 0·95	− 0·20	+ 0·57	− 0·34	− 0·60	+ 1·70	− 5·09	− 0·18	− 4·12
	Satur . .	− 0·36	+ 0·54	− 0·98	+ 1·35	− 1·66	− 0·45	− 0·91	+ 2·04	+ 1·21	+ 0·77	− 3·22	− 1·27	− 2·94
	Cochin . .	− 0·48	− 0·60	− 0·87	+ 0·26	+ 4·71	− 10·56	− 2·84	− 4·73	− 1·43	− 4·36	+ 0·15	− 0·74	− 30·91
	Palghat . .	− 0·04	− 0·01	+ 5·82	+ 4·20	− 1·18	− 6·24	− 4·27	− 4·59	− 3·04	+ 1·42	− 2·75	− 0·52	− 11·20
	Wellington .	− 0·07	+ 4·56	+ 0·60	+ 0·32	− 1·00	+ 1·80	− 0·64	− 0·94	− 1·54	+ 0·94	− 2·21	− 0·72	+ 1·10

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—continued.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*concld.*	Manantoddy . .	− 0·20	− 0·26	+ 3·72	+ 0·54	− 2·76	− 7·17	− 1·63	− 3·95	− 3·82	− 1·81	− 1·25	+ 0·11	− 18·48
	Calicut . .	− 0·13	+ 0·58	+ 0·51	+ 1·98	− 2·66	− 4·02	− 2·61	− 4·25	− 4·79	− 5·86	− 0·48	− 0·31	− 22·04
	Tellicherry .	− 0·33	− 0·06	+ 0·09	+ 0·20	− 1·30	+ 0·33	+ 7·85	+ 1·06	− 5·93	− 3·69	− 0·29	+ 0·23	− 1·82
	Cannanore .	− 0·43	+ 0·66	+ 0·18	+ 3·72	+ 0·15	+ 0·31	− 2·65	− 1·71	− 5·00	− 5·09	− 2·51	− 0·37	− 12·74
	Mangalore .	− 0·17	− 0·07	+ 0·12	− 0·28	− 1·72	− 6·12	+ 3·37	− 13·20	− 6·32	− 2·67	− 0·86	− 0·56	− 28·48
MYSORE AND COORG.	Bangalore .	− 0·18	− 0·13	+ 0·24	+ 2·66	− 1·07	− 0·14	− 0·01	+ 2·24	− 2·44	+ 0·29	+ 7·49	− 0·58	+ 8·37
	Mysore . .	− 0·08	+ 0·32	− 0·16	+ 1·72	+ 3·41	− 1·35	+ 0·05	− 0·31	− 0·91	− 0·75	− 0·14	+ 0·31	+ 2·11
	Shimoga . .	− 0·07	− 0·12	+ 0·28	+ 0·95	+ 1·24	− 0·86	+ 3·11	− 0·30	− 1·87	+ 1·24	+ 3·96	+ 0·83	+ 8·39
	Mercara . .	− 0·25	− 0·05	+ 0·85	+ 3·85	− 2·83	− 4·33	− 1·17	− 5·54	− 5·31	+ 0·76	− 0·22	+ 0·84	− 13·40
	Kolar . .	− 0·23	− 0·02	+ 0·20	+ 3·47	+ 0·16	− 2·92	+ 4·22	− 1·61	− 0·36	+ 0·65	− 0·83	− 0·73	+ 2·00
	Tumkur . .	− 0·11	− 0·22	+ 0·13	+ 2·09	− 0·51	− 1·22	+ 2·01	− 0·59	+ 0·95	− 4·13	+ 2·61	+ 0·18	+ 1·19
	Chitaldroog .	− 0·24	− 0·01	+ 0·24	+ 1·13	− 1·07	− 1·70	− 0·33	− 0·67	− 2·34	− 3·32	+ 2·36	+ 0·83	− 5·12
	Chikmagalur .	− 0·29	− 0·12	− 0·05	+ 1·21	+ 0·03	− 0·21	− 1·67	− 0·82	− 2·85	− 1·35	+ 0·28	− 0·42	− 6·26
	Hassan . .	− 0·91	− 0·11	+ 0·54	+ 2·20	− 0·66	− 1·13	− 1·53	− 0·87	+ 0·30	+ 5·86	+ 0·77	− 0·43	+ 4·03
CEYLON .	Jaffna . .	+ 2·77	− 1·23	− 0·69	+ 0·17	− 2·17	− 0·45	− 0·49	+ 1·41	− 0·54	+ 0·52	− 6·64	− 8·25	− 15·59
	Mannar . .	+ 2·37	− 0·90	+ 0·20	+ 1·21	− 2·87	− 0·75	− 0·23	− 0·15	+ 2·00	− 3·07	− 4·95	− 6·79	− 13·93
	Trincomalee .	− 2·78	− 0·11	− 0·87	− 0·63	+ 0·92	− 0·81	− 1·63	− 0·48	+ 0·59	− 2·41	+ 1·98	− 5·32	− 11·55
	Batticaloa .	− 2·92	− 0·73	− 0·19	− 0·78	− 1·22	+ 0·28	− 0·61	+ 1·98	− 1·61	+ 0·35	− 3·66	− 5·19	− 14·30
	Hambantota .	+ 0·51	− 0·14	− 1·35	+ 1·29	+ 0·72	− 1·84	− 0·52	− 1·27	− 2·07	− 3·01	− 2·78	+ 0·38	− 10·08
	Galle . .	− 1·21	− 0·05	+ 3·72	+ 1·33	− 0·89	− 2·97	+ 1·37	+ 2·88	− 4·34	− 3·84	− 2·24	+ 0·48	− 5·76
	Ratnapura .	− 3·12	+ 3·24	− 1·60	+ 5·70	− 2·15	− 8·12	− 2·87	− 5·79	− 1·34	− 0·19	− 4·85	+ 1·29	− 19·80
	Colombo . .	− 2·35	+ 2·74	+ 0·41	+ 3·27	− 6·74	− 5·70	− 1·74	− 3·43	− 4·08	− 0·17	+ 0·26	+ 2·01	− 15·52
	Kandy . .	− 0·10	+ 0·04	− 0·18	− 0·42	?	− 1·58	− 2·05	− 3·14	+ 1·12	− 5·47	− 2·02	− 2·23	?
	Newera Eliya .	− 2·53	+ 0·23	− 1·75	+ 7·29	− 4·57	− 8·17	− 6·72	− 2·26	+ 0·78	− 3·94	− 2·53	− 3·47	− 27·64
	Puttalam .	− 0·49	+ 2·48	+ 2·22	+ 2·27	− 3·87	− 0·87	− 0·39	− 0·82	− 1·16	− 3·66	+ 1·63	− 0·34	− 3·00
	Anuradhapur .	+ 0·37	+ 0·86	− 1·50	+ 10·00	− 3·58	− 0·29	− 0·88	− 1·39	− 2·93	− 4·27	− 4·98	− 4·42	− 13·01
BURMA .	Akyab . .	− 0·16	− 0·18	+ 0·95	− 0·15	− 0 84	− 6·46	+ 6·65	− 12·75	− 5·04	− 3·40	+ 0·96	− 0·53	− 20·95
	Kyaukpyu .	− 0·14	− 0·05	− 0·23	+ 1·21	+ 0·65	− 11·59	+ 11·45	− 13·00	− 8·77	− 3·23	− 1·65	− 0·44	− 25·79
	Sandoway .	+ 0·15	− 0·05	− 0·13	− 0·11	− 4·02	− 12·14	+ 11·06	− 12·37	− 9·15	− 3·71	− 1·29	− 0·16	− 31·92
	Rangoon .	+ 0·34	− 0·12	+ 0·75	− 0·53	+ 3·68	− 8·12	+ 0·91	+ 1·07	− 6·74	+ 3·26	− 2·27	− 0·07	− 7·84
	Bassein . .	+ 2·37	− 0·21	− 0·05	+ 0·12	+ 0·45	− 4·70	+ 4·24	− 2·07	+ 0·78	+ 3·04	− 3·30	− 0·10	+ 0·57
	Diamond Island	+ 0·65	− 0·12	− 0·01	+ 1·50	+ 1·56	− 5·86	+ 0·03	− 7·48	− 5·12	− 2·68	− 6·42	− 1·04	− 24·99
	Henzada . .	+ 0·68	− 0·25	0	+ 0·20	+ 2·66	+ 1·00	+ 7·28	+ 0·21	− 2·58	+ 1·33	− 1·75	− 0·04	+ 8·74
	Myanaung .	− 0·03	− 0·04	− 0·01	+ 0·83	+ 1·39	− 2·64	− 1·65	+ 2·24	− 4·65	+ 1·41	− 0·90	− 0·12	− 4·17
	Prome . .	+ 0·25	0	+ 0·29	+ 0·21	− 0·19	+ 1·46	+ 1·13	− 2·21	− 2·68	+ 2·22	+ 0·16	− 0·03	+ 0·61
	Thayetmyo .	+ 0·11	− 0·02	+ 0·02	+ 1·71	− 2·29	− 2·90	− 2·49	− 2·29	− 2·63	+ 0·24	+ 0·11	− 0·08	− 10·51
	Mandalay .	− 0·18	− 0·02	+ 0·02	+ 0·09	− 2·34	− 5·20	− 3·01	− 0·95	− 1·38	− 0·45	+ 0·88	− 0·23	− 12·77
	Saweybo . .	− 0·22	− 0·01	− 0·09	− 0·41	+ 0·58	− 4·44	− 4·02	− 0·02	− 1·93	+ 1·63	− 0·94	− 0·04	− 9·91
	Yeu . .	− 0·24	− 0·16	+ 0·40	− 0·28	+ 1·06	− 4·01	− 3·87	− 2·91	+ 1·93	+ 3·01	+ 0·92	− 0·03	− 4·18
	Minbu . .	− 0·13	0	0	− 0·07	+ 5·79	+ 1·25	+ 0·14	+ 1·84	− 2·22	− 0·20	− 0·75	− 0·01	+ 5·64
	Pyinmana .	+ 0·20	0	− 0·01	+ 2·45	+ 3·81	− 0·74	− 0·15	− 3·94	− 2·09	+ 0·85	− 0·52	− 0·03	− 0·17

TABLE XXXII.—*Comparison of the monthly and total rainfall in 1890, with the averages of Table XXXI*—concluded.

METEOROLOGICAL DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BURMA—*concluded.*	Pagan . .	− 0·11	− 0·05	+ 0·48	− 0·48	+ 2·26	− 4·57	− 2·62	− 1·53	− 3·09	+ 0·70	+ 0·15	− 0·07	− 8·93
	Kyauksai .	− 0·25	− 0·04	+ 0·22	− 0·05	+ 0·07	− 3·07	− 1·57	− 1·52	− 2·83	+ 1·70	+ 0·24	− 0·12	− 7·22
	Bhamo . .	− 1·46	− 0·21	+ 0·70	+ 1·18	+ 0·54	+ 0·38	− 3·84	− 1·97	+ 1·55	− 1·83	− 0·54	− 0·26	− 5·76
	Kendat . .	− 0·71	− 0·10	+ 5·34	+ 0·14	+ 1·25	+ 6·02	− 4·52	− 10·98	− 5·48	+ 1·27	− 2·05	− 0·12	− 9·94
	Ye Methin .	− 0·07	− 0·03	− 0·09	+ 1·20	+ 4·40	− 4·90	+ 3·48	− 3·24	+ 1·74	− 0·58	− 0·23	− 0·22	+ 1·46
	Fort Sagaing .	− 0·01	− 0·03	− 0·12	− 0·14	+ 1·54	− 4·23	− 2·46	− 0·85	− 1·38	+ 0·07	− 0·32	− 0·14	− 8·07
	Mingin . .	− 0·35	− 0·02	+ 0·49	− 0·76	− 1·30	− 3·39	− 4·06	− 2·69	+ 3·15	+ 4·17	+ 0·14	− 0·06	− 4·68
	Toungoo . .	+ 1·23	− 0·14	− 0·04	+ 1·56	− 2·88	+ 2·97	+ 3·98	− 1·83	+ 3·31	+ 0·25	− 1·18	− 0·17	+ 12·82
	Shwegyin .	+ 2·61	− 0·38	− 0·30	+ 3·92	+ 0·47	− 6·10	+ 7·20	− 6·86	− 0·20	− 3·81	− 1·76	− 0·09	− 5·30
	Moulmein .	+ 7·62	0	− 0·21	+ 1·26	+ 6·49	− 0·99	− 10·24	− 21·48	− 9·17	− 3·36	− 0·51	− 0·03	− 30·62
	Tavoy . .	+ 0·16	+ 0·61	− 0·04	− 1·39	+ 12·27	+ 4·87	− 11·17	− 10·10	+ 3·07	− 2·37	− 2·01	− 0·13	− 6·23
	Mergui . .	+ 2·28	+ 0·90	+ 1·99	+ 1·68	+ 17·70	− 6·06	+ 0·15	− 1·47	+ 6·21	− 0·65	− 2·74	− 0·23	+ 19·76
	Myingyan .	− 0·14	− 0·03	+ 0·29	− 0·03	+ 1·51	− 2·22	− 1·04	− 1·71	− 1·60	+ 0·07	+ 0·04	− 0·08	− 4·94
	Monywa . .	?	?	?	?	+ 2·05	− 5·09	− 3·27	− 1·79	− 2·80	+ 0·80	+ 0·06	− 0·16	?
BAY ISLANDS .	Port Blair .	+ 3·51	+ 1·72	− 0·37	+ 3·07	+ 1·94	+ 2·22	− 5·70	− 8·14	+ 0·52	+ 1·24	− 0·41	− 5·42	− 5·82
BELUCHISTAN.	Peshin . .	− 2·13	− 0·82	− 0·68	+ 0·90	− 0·28	− 0·05	− 0·30	− 0·04	0	0	+ 3·84	+ 2·83	+ 3·27
	Kelat . .	− 1·19	− 1·60	− 0·99	+ 0·98	− 0·21	− 0·04	− 0·51	− 0·41	− 0·01	− 0·06	+ 1·36	+ 2·53	− 0·15
	Quetta . .	− 1·00	− 1·04	− 1·11	+ 0·41	− 0·20	− 0·09	− 0·62	+ 0·12	− 0·16	− 0·07	+ 3·40	+ 3·05	+ 2·69
KASHMIR .	Leh . .	− 0·21	− 0·14	− 0·20	− 0·05	+ 0·13	− 0·04	− 0·03	+ 1·28	− 0·10	− 0·31	+ 0·07	+ 0·22	+ 0·62
NEPAL . .	Katmandu .	− 0·49	− 0·97	− 0·82	+ 0·76	− 0·60	+ 0·77	+ 6·22	+ 3·43	+ 0·43	+ 3·12	− 0·08	− 0·26	+ 11·51
PERSIA . .	Bushire . .	− 1·44	− 1·20	+ 2·67	+ 1·33	− 0·01	0	0	0	0	0	+ 0·39	+ 2·92	+ 4·66
ARABIA . .	Aden . .	− 0·18	− 0·19	+ 5·40	− 0·39	+ 1·13	0	− 0·01	− 0·27	− 0·07	0	− 0·10	− 0·16	+ 5·16
ASIATIC TURKEY.	Baghdad . .	+ 0·23	+ 3·15	+ 3·07	+ 1·01	− 0·22	− 0·01	0	+ 0·71	0	0	− 0·22	+ 2·30	+ 10·02

January 1890.—Was an exceptionally dry month. Over the greater part of India no rain fell. Central India, the Central Provinces, Berar, Guzerat, Sind, the Deccan, Hyderabad and the Konkan were rainless throughout the month, and the average rainfall of Rajputana, Bihar, West Bengal, Chota Nagpur, Orissa, Malabar, Mysore and Upper Burma was less than a tenth of an inch, and hence practically *nil.*

The weather was fine and dry from the 1st to the 15th over the whole of Northern and Central India. It was disturbed with numerous thunderstorms in Central and South Madras on the 8th and 9th. The amounts received were generally small. 3·45 inches fell at Negapatam and 2·75 inches at Vattanum on the 8th. The northern and eastern districts of the Punjab received light showers between the 16th and 19th. A depression entered Sind from Beluchistan on the 21st, and marched rather rapidly eastwards across Northern India. It gave rise to a subsidiary depression in the East Punjab. The latter disturbance gave showers in the hill districts of the Punjab and North-Western Provinces, and local showers in the plain districts near the hills of the Punjab and North-Western Provinces. The amounts received were however in no case large.

The primary depression gave little or no rain until it entered Central Bengal, when it occasioned 24 hours' rain in Bengal (chiefly the eastern districts) on the 25th. Assam obtained light showers on the 24th, 25th and 26th, due to the same disturbance. The most noteworthy falls were—

District.	Station.	Rainfall.
		Inches.
Dacca	Dacca	2·54
Jessore	Narail	2·51
Khulna	Satkhira	2·03

Weather was disturbed in Tenasserim and the coast districts of Lower Burma during the last six days of the month. Moulmein received 7·83 inches during this period and Shwegyin 2·76 inches.

The whole of Northern and Central India usually receive light to moderate rain during January. The rainfall of the month was largely in defect in the Punjab, which barely received a third of its normal amount. The deficiency was greatest in the northern and eastern districts, in which it ranged from 1 to 1·6 inches. It was even more marked in the hill districts and Beluchistan. The North-Western Provinces received an average of less than 0·2 inch, and the rainfall was almost entirely confined to the north-western districts and adjacent hills.

There was a slight excess in Lower Bengal (0·18 inch, or 37 per cent. above the normal) and Assam and Eastern Bengal (0·31 inch, or 42 per cent. above the normal).

The rainfall was practically *nil* in the remaining districts of Northern India, in Central India, and the Deccan. It was slightly less than the small normal amount of the month in the Carnatic and Nilgiris. Upper Burma received practically no rain, and Arakan an average of less than 0·2 inch, and the rainfall was below the normal in both areas. Pegu received slightly more than its normal amount. Tenasserim obtained an average of 3·48 inches, or 3·17 inches in excess of its normal amount. The rainfall was exceptionally heavy at Moulmein, which received 7·83 inches between the 26th and 31st, the normal rainfall of the month being only 0·21 inch. The following gives data of the rainfall of the month in Tenasserim :—

Station.	Actual rainfall of January 1890.	Average rainfall of January.	Excess.
	Inches.	Inches.	Inches.
Moulmein	7·83	0·21	+7·62
Mergui	2·98	0·70	+2·28
Shwegyin	2·76	0·15	+2·61
Toungoo	1·32	0·09	+1·23

This heavy rainfall caused great damage to the rice crop in the Moulmein district, where it was lying cut in the fields when the rainfall occurred.

The following table summarises the rainfall data of the month of January :—

METEOROLOGICAL DISTRICT.	Normal average rainfall, January.	Actual average rainfall, January 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	3·17	1·39	—1·78	—56
Punjab Plains	1·09	0·40	—0·69	—63
North-Western Provinces and Oudh	0·85	0·18	—0·67	—78
Rajputana	0·24	0·01	—0·23	—96
Central India States	0·59	0	—0·59	—100
Bihar	0·69	0·06	—0·63	—92
Western Bengal and Chota Nagpur	0·66	0·01	—0·65	—98
Lower Bengal	0·49	0·67	+0·18	+37
Eastern Himalayas	0·79	0·55	—0·24	—30
Assam and Eastern Bengal	0·73	1·04	+0·31	+42
Orissa and Northern Circars	0·23	0·01	—0·22	—96
Central Provinces, South	0·45	0	—0·45	—100
Berar and Khandeish	0·35	0	—0·35	—100
Guzerat	0·07	0	—0·07	—100
Sind and Cutch	0·29	0	—0·29	—100
North Deccan	0·17	0	—0·17	—100
Konkan and Ghâts	0·26	0	—0·26	—100
Malabar and Ghâts	0·30	0·05	—0·25	— 83
Hyderabad	0·09	0	—0·09	— 100
Ceded Districts and Mysore	0·17	0·01	—0·16	— 94
Carnatic	0·57	0·51	—0·06	— 11
Nilgiris	0·72	0·65	—0·07	— 10
Ceylon	3·82	3·03	—0·79	— 21
Arakan	0·40	0·17	—0·23	— 58
Pegu	0·13	0·83	+0·70	+ 538
Tenasserim	0·31	3·48	+3·17	+1,023
Upper Burma	0·35	0·07	—0·28	— 80
Bay Islands	0·95	4·46	+3·51	+ 369

February—like the preceding month, was exceptionally dry. The average rainfall of the month was less than a tenth of an inch over by far the greater part of India.

A feeble disturbance gave rain to the northern and eastern districts of the Punjab on the 15th and 16th. The hill districts of the Punjab obtained rain or snow on the same days, and the hill districts of the North-Western Provinces on the 16th and 17th. Light local showers were received in Assam on the 17th and 18th.

Weather was disturbed in Malabar and South Madras on the 24th and 25th, and numerous thunder showers, which gave light to moderate an fairly general rain, occurred on these days. Wellington in the Nilgiris obtained 3·94 inches during a thunderstorm on the 25th.

Some isolated thunder showers were received in the Central Provinces and Central India on the 25th, but the amounts were very small.

The Punjab received an average of only 0·2 inch, or one-fifth of its normal fall. Practically no rain fell in Bengal, Chota Nagpur, Bihar, the North-Western Provinces, Central India and Rajputana, in which areas the average rainfall of the month ranges from 1 inch in East Bengal to a quarter of an inch in Rajputana. The rainfall of the month in Assam and East Bengal averaged only 0·19 inch, or less than a sixth of the normal rainfall of the month. No rain fell in the Central Provinces, Deccan, Mysore and Konkan, but the average rainfall of the month of these districts is small in amount and less than a quarter of an inch. The Carnatic received an average of only 0·2 inch, or half its normal amount. There was a large local excess in the Nilgiris and a small excess in Ceylon.

Arakan, Upper Burma and Pegu were practically rainless throughout the month. Port Blair received occasional showers during the month, and Mergui and Tavoy in Tenasserim, showers between the 21st and 27th, which gave a slight excess. The total rainfall at Port Blair was 2·96 inches, or 1·72 inch above the normal.

The following table gives a summary of the rainfall data of the month of February :—

METEOROLOGICAL DISTRICT.	Normal average rainfall, February.	Actual average, rainfall, February, 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	3·00	1·24	—1·76	— 59
Punjab plains	0·99	0·20	—0·79	— 80
North-Western Provinces and Oudh	0·56	0·08	—0·48	— 86
Rajputana	0·22	0	—0·22	—100
Central India States	0·32	0·02	—0·30	— 94
Bihar	0·48	0·02	—0·46	— 96
Western Bengal and Chota Nagpur	0·62	0	—0·62	—100
Lower Bengal	0·92	0·01	—0·91	— 99
Eastern Himalayas	0·77	0·02	—0·75	— 97
Assam and Eastern Bengal	1·19	0·19	—1·00	— 84
Orissa and Northern Circars	0·45	0·02	—0·43	— 96
Central Provinces, South	0·37	0·01	—0·36	— 97
Berar and Khandeish	0·12	0	—0·12	—100
Guzerat	0·13	0	—0·13	—100
Sind and Cutch	0·21	0·01	—0·20	— 95
North Deccan	0·03	0	—0·03	—100
Konkan and Ghâts	0·02	0	—0·02	—100
Malabar and Ghâts	0·21	0·23	+0·02	+ 10
Hyderabad	0·07	0	—0·07	—100
Ceded Districts and Mysore	0·08	0·02	—0·06	— 75
Carnatic	0·41	0·20	—0·21	— 51

METEOROLOGICAL DISTRICT.	Normal average rainfall, February.	Actual average rainfall, February, 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Nilgiris	0·70	5·26	+4·56	+671
Ceylon	2·23	2·77	+0·54	+ 24
Arakan	0·61	0·13	—0·48	— 75
Pegu	0·11	0	—0·11	—100
Tenasserim	0·62	0·90	+0·28	+ 45
Upper Burma	0·05	0	—0·05	—100
Bay Islands	1·24	2·96	+1·72	+139

March.—Is usually a dry month in India. There were three periods of slight disturbance in March 1890.

The first disturbance lasted from the 3rd to the 6th. Rajputana received light thunder showers on the 3rd and 4th, the Punjab on the 4th, 5th and 6th, the North-Western Provinces on the 4th and 5th, Bihar on the 5th and 6th, and the Central Provinces from the 3rd to the 6th. The rainfalls were local and small in amount. South Madras was visited by a series of thunder showers during the same period and some large rainfalls were recorded in that area.

The second period of disturbance and rainfall lasted from the 9th to the 13th. The Central Provinces, Chota Nagpur, South-West Bengal and North Madras received light showers on the 9th and 10th, and Orissa frequent showers from the 10th to the 14th.

The third disturbance was initiated by a depression which appeared in Sind on the 17th, and moved slowly eastwards into Bengal. It gave showers to the Punjab from the 20th to the 25th, the western districts of the North-Western Provinces from the 19th to the 22nd, light local showers in Bengal from the 20th to 22nd, and light rain to Orissa on the 21st and 22nd.

The average actual rainfall of the month was less than a tenth of an inch, or practically *nil* in Guzerat, Sind, Cutch, the North Deccan and Konkan. It ranged between a tenth and half an inch in the North-Western Provinces, Rajputana, Bihar, Central Provinces, Berar, Hyderabad, Mysore, Carnatic and Pegu, and was generally in defect, but the variations were small and of no importance. Average amounts exceeding an inch were received in West Bengal and Chota Nagpur (1·03 inches), Assam and East Bengal (3·32 inches), Orissa (1·46 inches), Malabar and West Ghâts (2·08 inches), Arakan (2·58 inches), Tenasserim (1·31 inches) and Ceylon (3·10 inches) and the Nilgiris (2·81 inches). The rainfall in these areas was normal in amount or in moderate excess, except in East Bengal and Assam, where it was 11 per cent. below the normal of the month.

The following table gives a summary of the rainfall data of the month of March :—

METEOROLOGICAL DISTRICT.	Normal average rainfall, March.	Actual average rainfall, March 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	2·80	2·08	—0·72	— 26
Punjab Plains	1·05	0·91	—0·14	— 13
North-Western Provinces and Oudh	0·46	0·27	—0·19	— 41

METEOROLOGICAL DISTRICT.	Normal average rainfall, March.	Actual average rainfall, March 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Rajputana	0·12	0·17	+0·05	+ 62
Central India States	0·23	0·51	+0·28	+122
Bihar	0·37	0·20	−0·17	− 46
Western Bengal and Chota Nagpur	0·78	1·03	+0·25	+ 32
Lower Bengal	1·45	0·77	−0·68	− 47
Eastern Himalayas	2·00	0·13	−1·87	− 94
Assam and Eastern Bengal	3·73	3·32	−0·41	− 11
Orissa and Northern Circars	0·77	1·46	+0·69	+ 90
Central Provinces, South	0·51	0·47	−0·04	− 8
Berar and Khandeish	0·23	0·18	−0·05	− 22
Guzerat	0·02	0·02	0	0
Sind and Cutch	0·19	0·01	−0·18	− 95
North Deccan	0·21	0·03	−0·18	− 86
Konkan and Ghâts	0·06	0·04	−0·02	− 33
Malabar and Ghâts	0·78	2·08	+1·30	+167
Hyderabad	0·32	0·15	−0·17	− 53
Ceded Districts and Mysore	0·40	0·33	−0·07	− 18
Carnatic	0·50	0·45	−0·05	− 10
Nilgiris	2·21	2·81	+0·60	+ 27
Ceylon	3·23	3·10	−0·13	− 4
Arakan	1·63	2·58	+0·95	+ 58
Pegu	0·04	0·16	+0·12	+300
Tenasserim	0·95	1·31	+0·36	+ 38
Upper Burma	0·48	0·94	+0·46	+ 96
Bay Islands	0·45	0·08	−0·37	− 82

April.—Like March, is usually a dry month over the greater part of India. The rainfall increases considerably in amount in three areas during the period from March to May. These are, (1st) Bengal and Assam; (2nd) Lower Burma and Tenasserim; (3rd) Malabar and Southern India. In the first area the rainfall is due to local thunderstorms which usually occur with increasing frequency in April and May. The rainfall is heaviest and most general in Assam, where, on an average, there are 20 rainy days in the month of April. The second and third areas of moderate rainfall are the first to come under the influence of the south-west monsoon and occasionally receive rain from brief temporary advances of humid winds.

The month was more disturbed than usual, and the whole of India, with the exception of Bengal the North-Western Provinces and Sind, received larger amounts of rain than usual. The first fortnight of the month was very dry over the whole of India. East Bengal received showers from the 6th to the 8th, and Assam heavy rain due to severe thunderstorms between the 9th and 12th. Frequent thunder showers fell during the latter half of the month in the areas that usually receive moderate to heavy rain in April, *i.e.* Southern India, Assam and Bengal, Lower Burma and Tenasserim. In the remaining districts light local showers were received during two periods of slight diffused disturbance, *viz.* from the 16th to the 19th and from the 25th to the 28th. The only rainfalls in 24 hours exceeding 4 inches registered during the month were the following:—

Station.	Rainfall in inches.	Date.
Naini Tal	4·50	26th
Cherrapoonjee	8·76	11th
	5·97	15th
Sylhet	5·23	25th

The rainfall of the month was in excess over the whole of India, except Sind and Cutch, the Gangetic plain, Chota Nagpur, Orissa, and West Bengal. It was practically or actually *nil* in Rajputana, Bihar, Guzerat, Sind and Cutch, and was less than an inch in amount over the whole of Northern India except Bengal and Assam and in Central India, the Central Provinces, Hyderabad and the Konkan. The rainfall of the month was in moderate excess in Assam and East Bengal (13 per cent.), Arakan, Pegu and Upper Burma, and was largely in excess relatively to the normal in Mysore, Ceylon, Tennasserim, the Bay Islands, Malabar and the Deccan.

The following table gives a summary of the rainfall data of the month:—

Meteorological District.	Normal average rainfall, April.	Actual average, rainfall, April 1890.	Excess or defect.	Excess or defect expresse as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	2·05	2·87	+0·82	+ 40
Punjab plains	0·73	0·74	+0·01	+ 1
North-Western Provinces and Oudh	0·21	0·15	—0·06	— 29
Rajputana	0·07	0·07	0	0
Central India States	0·14	0·24	+0·10	+ 71
Bihar	0·35	0·03	—0·32	— 91
Western Bengal and Chota Nagpur	0·52	0·15	—0·37	— 71
Lower Bengal	2·60	2·22	—0·38	— 15
Eastern Himalayas	4·80	6·44	+1·64	+ 34
Assam and Eastern Bengal	8·23	9·28	+1·05	+ 13
Orissa and Northern Circars	0·99	0·78	—0·21	— 21
Central Provinces, South	0·41	0·35	—0·06	— 15
Berar and Khandeish	0·21	0·42	+0·21	+100
Guzerat	0·02	0·05	+0·03	+150
Sind and Cutch	0·18	0·03	—0·15	— 83

Meteorological District.	Normal average rainfall, April.	Actual average rainfall, April 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
North Deccan	1·03	1·87	+0·84	+ 82
Konkan and Ghâts	0·19	0·36	+0·17	+ 89
Malabar and Ghâts	2·75	4·56	+1·81	+ 66
Hyderabad	0·50	0·65	+0·15	+ 30
Ceded Districts and Mysore	1·06	2·54	+1·48	+140
Carnatic	1·09	1·61	+0·52	+ 48
Nilgiris	3·05	3·37	+0·32	+ 10
Ceylon	5·85	8·41	+2·56	+ 44
Arakan	2·78	2·96	+0·18	+ 6
Pegu	1·06	1·76	+0·70	+ 66
Tenasserim	3·64	5·01	+1·37	+ 38
Upper Burma	1·03	1·18	+0·15	+ 15
Bay Islands	2·31	5·38	+3·07	+133

May.—Is usually a very dry month over nearly the whole of India. The only areas which receive moderate to heavy rainfall are, Bengal, Assam, Burma and Southern India and Malabar. During the greater part of the month the rainfall is due to the same causes and conditions as in April. Usually the south-west monsoon is established in Burma, Malabar and Southern India before the end of the month.

The period from the 1st to the 12th was very dry over the whole of Northern and Central India and the whole of the Peninsula except South Madras. During this period an unusually early advance of humid winds occurred in the east of the Bay. It gave rise to a cyclonic storm which formed near the Andamans, advanced northwards to the west of Diamond Island, and then recurved to the east and passed into Central Burma. This storm gave a heavy burst of rain to Burma on the 7th and 8th, and formed the commencement of the south-west monsoon in that province, as rain continued to fall fairly steadily during the remainder of the month. The following amounts exceeding 4 inches were recorded during the storm:—

Station.	Rainfall in Inches.	Date.
Cocos Island	7·17	7th
Rangoon	4·76	"
Minbu	4·55	"
Tavoy	4·85	"
Salin Myo	5·24	"
Magwe	4·09	8th

The rains hence commenced unusually early in Burma and Arakan. The breaking up of this storm was followed by a period of frequent thunderstorms, giving fairly general moderate rainfall in Bihar, Bengal and Assam, and extending from the 12th to the 16th. During the remainder of the month there were three periods of disturbance in Northern and Central India :—

1st.—From the 17th to the 19th, during which the East Punjab and Punjab hills received light to moderate rain.

2nd.—The 21st and 22nd, when East and North Bengal had some heavy thunder showers.

3rd.—The 25th to the end of the month. Burma, Bengal, Assam and East Bengal received moderately heavy rain during this period.

The south-west monsoon rains were unusually late in commencing on the Malabar coast. Occasional light showers were received during the first three weeks of the month. The first heavy general rain occurred on the 28th. It extended rapidly northwards, and the Konkan received general rain on the 30th and 31st. The following gives the date and amount of the first heavy falls at representative stations on the west coasts :—

STATION.	Rainfall in Inches.	Date.
Calicut	2·55	28th
Tellicherry	3·50	"
Cannanore	3·85	"
Honawar	2·34	29th
Karwar	3·96	30th
Goa	1·00	31st
Vingurla	5·05	"

The preceding data indicate the character of the first heavy general burst of rain on the Malabar and Konkan coasts at the commencement of the south-west monsoon of 1890. It was a very much feebler burst than what usually initiates the monsoon on that coast. The rainfall at the hill stations of Baura, Mohableshwar and Igatpuri was either actually or practically *nil* during this burst. The rainfall commenced at the coast stations two to four days earlier than on the crest of the West Ghâts. This fact is of importance when considering the character of the advance of the monsoon currents.

The rainfall of the month was below the normal in every district except Burma, the Konkan, Bihar and West Bengal. It averaged a tenth of an inch or less in Rajputana, Central India, the Central Provinces, Berar and Guzerat, and was slightly less than half an inch in Hyderabad, the North-Western Provinces and the Punjab, in all of which areas it was below the normal, but the deficiency was of no importance. It was normal or slightly in excess in Orissa, Lower Bengal, West Bengal, Chota Nagpur and Bihar. It was considerably in defect in Assam and East Bengal, which received an average of 9·99 inches, or 4·21 inches less than the normal. It was below the normal to a moderate extent in Madras and Mysore and the Deccan. It was in moderate excess in the Konkan (0·99 inches, or 71 per cent.), Upper Burma (1·93 inches, or 48 per cent.), Pegu (1·26 inches, or 18 per cent.) and the Bay Islands (1·94 inches, or 12 per cent., and in large excess in Tenasserim, 9·24 inches, or 57 per cent.

The following table summarises the rainfall information of the month:—

METEOROLOGICAL DISTRICT.	Normal average rainfall, May.	Actual average rainfall, May 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	2·76	1·58	−1·18	−43
Punjab Plains	0·76	0·42	−0·34	−45
North-Western Provinces and Oudh	0·75	0·48	−0·27	−36
Rajputana	0·55	0·08	−0·47	−85
Central India States	0·41	0·10	−0·31	−75
Bihar	1·82	2·36	+0·54	+30
Western Bengal and Chota Nagpur	2·18	2·21	+0·03	+ 1
Lower Bengal	6·35	6·05	−0·30	− 5
Eastern Himalayas	11·32	6·87	−4·45	−39
Assam and Eastern Bengal	14·20	9·99	−4·21	−30
Orissa and Northern Circars	2·60	2·43	−0·17	− 8
Central Provinces, South	0·88	0·08	−0·80	−91
Berar and Khandeish	0·55	0·08	−0·47	−85
Guzerat	0·37	0·03	−0·34	−92
Sind and Cutch	0·13	0·12	−0·01	− 8
North Deccan	1·89	0·57	−1·32	−70
Konkan and Ghâts	1·40	2·39	+0·99	+71
Malabar and Ghâts	7·56	5·43	−2·13	−28
Hyderabad	1·09	0·49	−0·60	−55
Ceded Districts and Mysore	3·19	2·96	−0·23	− 7
Carnatic	2·56	1·58	−0·98	−38
Nilgiris	4·02	3·02	−1·00	−25
Ceylon	6·69	4·29	−2·40	−36
Arakan	10·68	7·89	−2·79	−26
Pegu	6·86	8·12	+1·26	+18
Tenasserim	16·32	25·56	+9·24	+57
Upper Burma	3·98	5·91	+1·93	+48
Bay Islands	15·83	17·77	+1·94	+12

June.—The south-west monsoon commenced earlier than usual in Burma and Malabar during the last fortnight of the preceding month. Its extension northwards and eastwards over the Arabian Sea during the first week of June was accompanied by the formation of a cyclonic storm of considerable intensity, which advanced in a west-north-west direction across the north of the Arabian Sea to the entrance of the Persian Gulf. Hence, during this storm and for a few days afterwards, rainfall in Western India was almost restricted to the coast districts. The Bombay monsoon winds strengthened rapidly at the coast stations on the 13th and 14th, and the humid monsoon current extended across

Berar, the Central Provinces and Central India into Northern India during the next few days. The Bombay monsoon current was very steady and stronger than usual during the remainder of the month.

At the commencement of the month feeble to moderate south-west monsoon winds prevailed over the whole of the Bay. The wind directions at the coast stations indicated that the current was chiefly diverted to the north-east of the Bay and Burma, which area at this time received heavy and almost continuous rain. Bengal, Assam and North Bihar obtained moderate rain from occasional showers during the first fortnight. The winds over the centre and south of the Bay increased rapidly in strength on the 16th and 17th, and weather became squally in the north of the Bay. As usually happens under these conditions at the commencement of the monsoon, a cyclonic storm formed on the 17th and 18th at the head of the Bay. It advanced in a west-north-west direction across the eastern districts of the Central Provinces into Bundlekhand and the south-eastern districts of the North-Western Provinces, where it filled up on the 22nd. This storm gave a heavy burst of rain to the area over which it passed, more especially to the eastern districts of the North-Western Provinces. The following gives some of the more noteworthy rainfalls in the storm-area:—

DISTRICT.	STATION.	Rainfall in inches.	Date.
MIRZAPUR	Robertsganj	5·45	20th
ALLAHABAD	Allahabad	6·56	21st
BENARES	Benares	6·28	"
SITAPUR	Sitapur	8·85	"
RAE-BARELI	Rae-Bareli	6·25	"

A very strong influx of humid winds from the Bay continued for some days after the disappearance of the storm. It was confined chiefly to East and Central Bengal, and gave rise to a depression which formed in Central Bengal on the 22nd, and drifted slowly during the 23rd and 24th in a north-westerly direction towards North Bihar, where it filled up on the 24th and 25th. This storm gave a very heavy downpour of rain to nearly the whole of Bengal and Bihar. The rainfall was heaviest in the depression area. Many stations over which the storm passed received total amounts ranging from 10 to 15 inches during the storm. The following gives some of the more remarkable rainfalls in 24 hours during this storm:—

DISTRICT.	STATION.	Rainfall in inches.	Date.
JESSORE	Jessore	4·10	22nd
KHULNA	Bagirhat	4·50	"
JESSORE	Jessore	9·92	23rd
NADDIA	Krishnagar	8·17	"
BURDWAN	Mankar	9·77	"
	Kalna	8·20	"
	Raniganj	8·05	"
	Burdwan	7·24	"

DISTRICT.	STATION.	Rainfall in inches.	Date.
HOOGHLY	Jehanabad	8·40	23rd
SONTHAL PARGANAS	Jamtara	8·05	24th
	Naya Dumka	6·11	„
PURNEA	Kaliaganj	6·35	25th
DARJEELING	Kurseong	7·50	„
	Darjeeling	6·44	„

The general indraught to the depression also gave heavy rain to the whole of East and North Bengal from the 22nd to the 26th. Thus Cox's Bazar received 20·5 inches from the 21st to 24th, Chittagong 11·2 inches from the 22nd to 25th, and Noakhali 8·3 inches from the 22nd to the 25th.

The cyclonic rainfall of this storm was hence heaviest in the south-western districts of Bengal and in South Bihar. This storm was wholly maintained by indraught from the Bay of Bengal, and during its existence the westerly current from the Bay up the Gangetic plain was very feeble and restricted to the neighbourhood of the hills. Humid easterly winds advanced up the Gangetic plain in the rear of the storm and determined the commencement of the rains in Bihar, Oudh and the Gangetic plain generally. The following statement gives the date of the commencement of the rains in different provinces of Northern India:—

PROVINCES.	Date of commencement of monsoon rains.
Bengal	10th.
Bihar	20th.
North-Western Provinces, East	20th.
Oudh	20th.
North-Western Provinces, West	21st.
Punjab	24th.

The commencement of the monsoon was less clearly shown in the western districts of the North-Western Provinces, but every district received a moderate to heavy fall between the 21st and 26th.

The Bombay current was very strong at this time and prevailed eastwards as far as the central districts of the North-Western Provinces. There was on the 23rd a marked tendency to the establishment of a depression in the south-eastern districts of the North-Western Provinces and Bundelkhand. The depression moved very slowly north-westwards and filled up in the western districts of the North-Western Provinces on the 27th. The heaviest rainfall in connection with this storm was received in the southern quadrant of the depression or in the eastern districts of Central India. The following gives some of the more remarkable falls:—

STATION.	Rainfall of 24 hours preceding 8 A.M. of date.	Date.
	Inches.	
Goona	13·31	23rd.
Maihar	5·88	24th.
Chandia	8·35	24th.
Nagode	5·07	25th.
Rewah	7·20	25th.

In the hill districts and the eastern and northern plain districts of the Punjab there were three periods of showery weather, *viz.* from the 8th to the 10th, the 17th to the 19th, and the 24th to the 28th. The rainfall during the first and third periods was rather heavy. The rainfall of the month was generally above the average to a moderate extent. Little or no rain was received in the western districts of Dera Ghazi Khan, Muzaffargarh and Peshawar. The rainfall was also locally deficient at Rohtak and Delhi. The average rainfall of the province was 2·62 inches, or 0·65 inch above the normal.

Rajputana received frequent showers from the 16th to the end of the month. The eastern districts obtained moderately heavy and general rain on the 23rd, 24th and 25th. The rainfall of the month ranged in amount from 0·16 inch at Jeysulmere to 15·62 inches at Kerowlee. The rainfall was below the normal in the western districts, where it is, however, always small in amount, and was more or less in excess in the eastern and southern states. The following gives the largest variations:—

STATION.	Actual rainfall, June 1890.	Normal rainfall, June.	Variation from normal.
	Inches.	Inches.	Inches.
Kerowlee	15·62	4·07	+11·55
Ulwar	11·15	3·77	+ 7·38
Bhurtpore	7·15	2·06	+ 5·09
Tonk	8·92	3·18	+ 5·74
Kherwara	9·59	4·26	+ 5·33

The excess averaged 1·49 inches, or 54 per cent. for the whole area.

In Central India some showers were received on the 4th, 5th and 6th. In the western states general monsoon rain commenced on the 16th and in the eastern states on the 20th. The eastern states received an exceptionally heavy burst of rain in connection with the last depression of the month. The total rainfall of the month was hence in slight defect in the western districts and largely in excess in the eastern districts. The following gives some of the more remarkable variations in the eastern districts:—

STATION.	Actual rainfall, June 1890.	Normal rainfall, June.	Variation from normal.
	Inches.	Inches.	Inches.
Goona	23·75	6·82	+16·93
Maihar	17·05	6·97	+10·08
Chandia	19·08	9·68	+ 9·40
Nowgong	14·52	5·26	+ 9·26

In the North-Western Provinces occasional showers fell in the northern and eastern districts from the 5th to the 13th. The rains proper commenced on the 20th in Oudh and the eastern and central districts of the North-Western Provinces, and from the 21st to the 26th in the western districts. The rainfall was exceptionally heavy in the eastern and central districts of the North-Western Provinces and in East Oudh. The rainfall of the month was in excess in all districts, except Saharanpur, Bijnour, Meerut, and Moradabad, and in these districts the deficiency was small in amount. The excess was most marked in the eastern and southern districts, and was absolutely greatest at the following stations:—

Province.	Station.	Actual rainfall, June 1890	Normal rainfall, June.	Variation from normal.
		Inches.	Inches.	Inches.
Oudh	Sitapur	30·62	6·44	+24·18
	Lucknow	15·35	5·32	+10·03
	Rae Bareli	14·99	4·91	+10·08
North-Western Provinces.	Jhansi	16·59	4·32	+12·27
	Fatehpur	14·03	3·88	+10·15
	Allahabad	14·86	4·68	+10·18
	Ballia	16·89	5·88	+11·01

The average total rainfall of the province for the month was 10·32 inches, or more than double the normal average (4·88 inches).

Bihar and Chota Nagpur obtained occasional light showers during the first half of the month, chiefly between the 7th and 13th. The rains proper commenced on the 20th, and heavy and almost continuous rain was received from the 20th to the 25th. The rainfall of the month was hence almost as largely in excess in these areas as in the North-Western Provinces. The excess was greatest at Jamui (+11·27 inches), Monghyr (+7·62 inches), Naya Dumka (+5·78 inches), Siwan (+5·47 inches), and Arrah (+5·26 inches).

The northern districts of North Bengal received heavy rain throughout the whole month. In East Bengal rain was fairly general and heavy from the 6th. Hence over the greater part of the province weather was showery during the first fortnight of the month. The first heavy and general burst of monsoon rain did not however occur until the 20th, and very heavy rain was received in Central and East Bengal from the 21st to the 25th. The rainfall of the month was below the average over nearly the whole of East Bengal and in excess over the remainder of the province, the excess being greatest in Central Bengal and in the districts of Jalpaiguri, Kuch Bihar, and Purnea. The following gives the largest variations in the two areas, one of excess and the other of deficient rainfall:—

Station.	Actual rainfall, June 1890.	Normal rainfall, June.	Variation from normal.
	Inches.	Inches.	Inches.
Kuch Bihar	47·90	36·75	+11·15
Jalpaiguri	40·82	29·86	+10·96
Burdwan	21·02	9·84	+11·18
Kishanganj	25·42	16·78	+ 8·64
Noakhali	16·77	23·52	− 6·75
Chittagong	16·48	22·86	− 6·38
Comilla	13·92	18·31	− 4·39

The month was one of almost continuous rain in Assam. The periods of heaviest rainfall are shown very strikingly by the returns for Cherra Poonjee, where there were three periods of excessive precipitation, the data of which are given below—

First period	5th	24·25 inches.
	6th	16·69 „
	7th	7·11 „

giving a total of 48·05 inches in three days—

Second period	11th	8·00 inches.
	12th	17·95 „
	13th	30·04 „
	14th	9·75 „

giving a total of 65·74 inches in four days—

Third period	24th	12·51 inches.
	25th	21·32 „
	26th	10·00 „
	27th	6·98 „

giving a total of 50·81 inches in four days.

During the remaining nineteen days of the month 35·55 inches were registered, whilst on the eleven days of heavy rainfall, of which data are given above, a total of 164·60 inches was received, thus giving a total of 200·15 inches during the month.

The rainfall of the month was in excess over the whole of Assam, except the Gauhati and Tezpur districts. The excess was large at the following stations:—

Station.	Actual rainfall, June 1890.	Normal rainfall, June.	Variation from normal.
	Inches.	Inches.	Inches.
Cherra Poonjee	200·15	116·55	+83·60
Tura	38·39	26·46	+11·93
Goalpara	36·54	24·65	+11·89
Dhubri	39·49	28·87	+10·62
Dibrugarh	29·88	18·86	+11·02

In the Central Provinces and Berar frequent showers were received between the 7th and 14th, but it was not until the 17th or 18th that general rain fell, and the monsoon rains hence date from the 17th in this area. Saugor and Damoh received heavy rain on the 24th and 25th in connection with the storm of the last week of the month; 14·70 inches fell at Damoh on these two days, and 13·08 inches at Saugor. The rainfall of the month was hence largely in excess (over 12 inches) at these two stations. The rainfall of the month was generally in defect by small or moderate amounts in the Central Provinces, except the districts of Chanda, Saugor and Damoh, and was practically normal in Berar.

The Bombay coast districts and West Ghâts received daily rain from the 1st to the 25th. A short break followed until the 28th, when heavy rain recommenced. In the Bombay Deccan and Hyderabad more or less general rain was received between the 5th and 21st. The 18th, 19th and 20th were the days of most general rainfall, and the rainfall at the hill stations of Mohableshwar, Baura and Igatpuri was very heavy during this period. Guzerat and Kathiawar had light showers between the 11th and 14th, and moderate rain from the 21st to the 24th.

It has been pointed out that the monsoon current was not strong during the first fortnight of the month, but that a rapid increase in the strength, as measured by the winds at the coast stations, commenced on the 17th. Excessively heavy rain fell during the next five days. The following gives data of the rainfall at the hill stations on the West Ghâts and the neighbouring stations on the coast:—

Hill Station.	Rainfall of		Coast Station.	Rainfall of	
	1st to 16th.	17th to 21st.		1st to 16th.	17th to 21st.
	Inches.	Inches.		Inches.	Inches.
Mohableshwar	14·11	30·27	Vingurla . . .	23·05	5·11
Igatpuri	9·55	19·79	Ratnagiri . . .	26·01	9·23
Matheran	13·48	24·94	Bombay . . .	7·85	12·49

The figures appear to indicate that in a weak advance of monsoon winds across the coast the heaviest rainfall is received at the coast stations, whereas in a strong advance it is heaviest at the hill stations of the West Ghâts.

This strong advance of humid winds across the coast of the Konkan gave rise to a small local whirl (very feebly indicated by the barometric observations) in the Gulf of Cambay. A deluge of rain was received in the coast districts between Broach and Surat, which breached the railway and gave rise to heavy floods. The following gives the only available details of this rainfall:—

Station.	Rainfall of		Total rainfall.
	20th.	21st.	
	Inches.	Inches.	Inches.
Surat	10·13	10·11	20·24

The total rainfall of the month was in slight deficiency in the South Deccan districts of Dharwar and Belgaum, and in excess over the remainder of Bombay, and also in Hyderabad. The excess was generally moderate in amount. It was large at the hill stations and in the coast districts beween Bombay and Cambay. The following gives data:—

	Station.	Actual rainfall, June 1890.	Normal rainfall, June.	Variation from normal.
		Inches.	Inches.	Inches.
Hill Stations . . .	Mohableshwar	66·62	48·10	+18·52
	Igatpuri	36·90	21·96	+14·94
	Matheran	53·44	37·31	+16·13
Coast Stations . . .	Surat	29·98	9·75	+20·23
	Tanna	35·44	25·44	+10·00
	Broach	13·02	6·82	+ 6·20

North Madras received moderate to heavy rain during three periods, *viz.* 12th and

13th, 17th to 19th, and 28th and 29th. South and Central Madras had occasional showers, in some cases very heavy, but no general rain occurred throughout the month. In Malabar rain fell daily throughout the month. The rainfall of the month was in moderate excess over the whole Presidency, with the exception of the Bellary and Anantapur districts in the Deccan, where there was a slight deficiency. The average total rainfall of the Carnatic for the month was 4·02 inches, or 2·01 inches in excess of the normal amount.

In Mysore the rainfall of the month was in defect at all stations. In the eastern districts represented by Mysore, Kolar and Chitaldroog the rainfall was less than an inch in amount. The deficiency averaged 20 per cent. in Mysore.

Lower Burma, Arakan and Tenasserim received steady daily rain throughout the month. The falls were however not so heavy as is generally the case in June, and hence the rainfall of the month was in general defect. The deficiency was large at the following stations:—

Sandoway	—12·14 inches.
Kyaukpyu	—11·59 „
Rangoon	— 8·12 „

The rainfall was in excess in the nine northern districts of Upper Burma. At Kendat it was 6·02 inches in excess, and at Bhamo 0·38 inch. Over a large part of Central Burma the rainfall of the month was very small in amount,—smaller, in fact, than in any part of India except Sind and North-West Rajputana, and was very largely below the normal amount. The following gives data of the rainfall in this dry area:—

STATION.	Actual rainfall, June 1890.	Normal rainfall, June.	Variation from normal.
	Inches.	Inches.	Inches.
Mandalay	0·10	5·30	—5·20
Pagan	Nil	4·57	—4·57
Myingyan	0·48	2·70	—2·22
Monywa	0·30	5·39	—5·09
Fort Sagaing	0·25	4·48	—4·23
Salim Myo	1·13	?	?
Shweybo	1·63	6·07	—4·44
Ye-u	1·47	5·48	—4·01
Kyauksai	1·39	4·46	—3·07
Yemethin	1·16	6·06	—4·90

The following gives a summary of the rainfall data of the month of June:—

METEOROLOGICAL DISTRICT.	Normal average rainfall, June.	Actual average rainfall, June 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	5·68	6·04	+0·36	+ 6
Punjab Plains	1·97	2·62	+0·65	+ 33
North-Western Provinces and Oudh	4·88	10·32	+5·44	+110
Rajputana	2·76	4·25	+1·49	+ 54

Meteorological District.	Normal average rainfall, June.	Actual average rainfall, June 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Central India States	6·43	11·65	+5·22	+ 81
Bihar	6·73	11·17	+4·44	+ 66
Western Bengal and Chota Nagpur	8·13	9·88	+1·75	+ 22
Lower Bengal	12·64	15·43	+2·79	+ 22
Eastern Himalayas	28·94	34·91	+5·97	+ 21
Assam and Eastern Bengal	24·60	31·37	+6·77	+ 28
Orissá and Northern Circars	7·70	10·21	+2·51	+ 33
Central Provinces, South	8·78	7·65	−1·13	− 13
Berar and Khandeish	7·08	7·63	+0·55	+ 8
Guzerat	4·44	6·62	+2·18	+ 49
Sind and Cutch	0·69	0·61	−0·08	− 12
North Deccan	5·01	4·27	−0·74	− 15
Konkan and Ghâts	33·74	40·40	+6·66	+ 20
Malabar and Ghâts	32·01	27·28	−4·73	− 15
Hyderabad	5·18	7·40	+2·22	+ 43
Ceded Districts and Mysore	3·04	2·46	−0·58	− 19
Carnatic	2·01	4·02	+2·01	+100
Nilgiris	3·52	5·32	+1·80	+ 51
Ceylon	5·76	3·16	−2·60	− 45
Arakan	33·61	27·25	−6·36	− 19
Pegu	14·96	12·62	−2·34	− 16
Tenásserim	34·68	32·61	−2·07	− 6
Upper Burma	6·12	3·63	−2·49	− 41
Bay Islands	18·89	21·11	+2·22	+ 12

July.—Was characterised by the prevalence of a strong and steady monsoon, more especially on the west coast. The monsoon currents hence received their greatest extension in this month and the rainfall of the month was in excess over nearly the whole of India. There was a moderate general deficiency in Burma and Ceylon.

The distribution of the rainfall in Northern India was largely determined by a series of five depressions and disturbances which formed the chief features of the weather during the month.

The first disturbance formed at the head of the Bay on the 29th and 30th of June, and advanced during the next four days in a west-north-west direction through the Central Provinces, Central India and Rajputana, and thence in a north direction into the Punjab. This storm advanced too rapidly to give large total amounts of rain. The whole of Northern India received general rain during its existence.

The second depression formed in Bihar and the eastern districts of the North-Western Provinces on the 10th and 11th, and drifted slowly in a westerly direction to the Jhansi district and East Rajputana, where it filled up on the 15th. The whole of Bengal, Bihar and the greater part of the North-Western Provinces and the eastern districts of Central India received a general and moderately heavy burst of rain during the storm.

The third depression formed in the north-west angle of the Bay on the 18th and 19th, and marched slowly to the north-west through the Midnapore district and Chota Nagpur into the eastern districts of the North-Western Provinces, where it filled up on the 24th and 25th. It gave moderately heavy rain to Orissa, Chota Nagpur, Bihar and the eastern districts of the North-Western Provinces. The rainfall was on the whole heaviest in the latter area, but was nowhere excessive, as no rainfall in 24 hours over 5 inches was registered in the storm area.

The fourth depression of the month was almost contemporaneous with the previous. It formed in the central districts of the North-Western Provinces on the 19th and advanced westwards to the neighbourhood of Delhi, where it filled up.

The fifth depression of the month formed in the eastern districts of the North-Western Provinces on the 29th and 30th. It advanced westwards and filled up near Jhansi on the 2nd of August.

The chief periods of general rain in Northern India and of strong influx of humid winds were the following, and were hence determined by the cyclonic storms enumerated above :—

1st.—From the 6th to the 11th.
2nd.—From the 18th to the 20th.
3rd.—From the 22nd to the 26th.
4th.—From the 28th to the 31st.

The Bombay current was very steady throughout the whole month. Judging from the strength of the winds and rainfall it was especially strong during the following periods :—

1st.—From the 1st to the 3rd.
2nd.—From the 9th to the 16th.
3rd.—From the 18th to the 21st.

The hill districts of the Punjab received almost daily rainfall throughout the month. In the plains districts the chief periods of rainfall were from the 3rd to the 6th, and from the 18th to the end of the month. The districts of Delhi, Gurgaon, and Rohtak, obtained frequent and heavy rain during the second period. The rainfall of the month was even more unequally distributed than usual. It was below the small average of the month in the western districts, and also in the Sialkot and Jullundur districts. The irregularity of the rainfall is shown by the following comparative data for neighbouring stations :—

	Inches.		Inches.
Peshawar	—0·14	Rawalpindi	+12·86
Ludhiana	—0·37	Umballa	+11·56
Hissar	—0·90	Delhi	+ 5·11
		Sirsa	+ 3·00
Sialkot	—5·08	Jhelum	+ 5·89
Kailang	—0·21	Dharmsala	+25·46

The rainfall of the month was hence very unequally distributed over the Punjab. On the average of the whole province the rainfall of the month was 28 per cent. in excess.

There were three periods of rainfall in Eastern, Central, and South Rajputana, *viz.* from the 1st to the 4th, the 11th to the 16th, and the 22nd to the 25th. Western Rajputana received heavy rain on the 2nd, 3rd, and 4th, and moderate rain on the 5th and 16th. The rainfall of the month was below the normal over the whole of Rajputana, except the south-western districts included in Meywar, in which there was a large excess, and some of the western districts, including Bickaneer, Jeysulmere and Marwar due to the heavy rainfall of the 3rd. The following gives data for representative stations in this area :—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Partabgarh	16·55	11·09	+ 5·46
Banswara	20·65	12·19	+ 8·46
Kotra	28·38	12·81	+ 15·57

The deficiency was on the whole greatest in the central districts at the following stations—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Deoli	2·62	10·88	—8·26
Tonk	5·24	9·74	—4·50
Kotah	5·46	9·65	—4·19

Central India received frequent moderate rain during the month. The total rainfall of the month was, on the whole, slightly above the normal except in Bundelkhand, in which it was generally from 3 to 6 inches below the normal fall of the month (which averages 16 inches in that area).

In the North-Western Provinces a partial break obtained during the first five days of the month, when light local showers only were received. From that date to the end of the month the rains held with unusual steadiness. It has already been seen that the depressions of the month either originated in the North-Western Provinces or drifted to that area and broke up there. The rainfall of the month was hence very largely in excess over nearly the whole province. The rainfall was especially heavy in Kumaun and Rohilkhand, as is seen from the following comparative data :—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Naini Tal	61·56	26·66	+34·90
Ranikhet	25·07	13·55	+11·52
Rudarpur	40·90	16·59	+24·31
Pilibhit	30·50	17·54	+12·96
Bulandshahr	20·20	8·51	+11·69

The excess was more than 10 inches locally at Gorakhpur (13·29 inches), Sitapur (10·06 inches), Saharanpur (12·25 inches) and also at Mussooree (11·13 inches) and Dehra Dun (13·29 inches).

In the districts adjoining Bundelkhand, including Jhansi, Hamirpur, Banda, Lalitpur, and also in Benares and Mirzapur, the rainfall was deficient to some extent. The deficiency was large at Lalitpur (—6·45 inches). The average rainfall of the whole province during the month was 17·67 inches, which was 5·45 inches, or 45 per cent. in excess of the mean normal rainfall.

Bihar and Chota Nagpur received almost daily rain from the 6th to the end of the month. The rainfall was exceptionally excessive in Bihar, heavy downpours of 3 and 4 inches in 24 hours being of frequent occurrence. The total rainfall of the month was hence more or less largely above the normal, the excess ranging from 1·01 inches at Barh to 15·33 inches at Arrah. The centres of heaviest rainfall are given in the following Table:—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Arrah	28·44	13·11	+ 15·33
Motihari	24·30	11·81	+ 12·49
Muzaffarpur	23·02	11·39	+ 11·63

Bihar received an average excess of 7·73 inches, or 65 per cent. above its normal amount.

In Bengal rain was received almost daily throughout the whole month in all districts. The rainfall was in moderate excess in North and East Bengal, and was irregularly distributed in South-West Bengal, local areas of excessive rainfall alternating with areas of deficient rainfall. The following table gives the chief centres of local excessive and deficient rainfall:—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Darjeeling	58·63	31·99	+26·64
Chittagong	51·28	22·98	+28·30
Jalpaiguri	41·46	27·32	+14·14
Rampur Boalia	22·67	11·74	+10·93
Midnapore	6·04	12·30	— 6·26
Jellasore	5·79	13·98	— 8·19
Saugor Island	8·07	15·36	— 7·29

The following comparative mean data for the province of Bengal is taken from the Bengal Weather Summary of July, published in the *Calcutta Gazette* :—

Division.	Average actual rainfall, July 1890.	Average normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Orissa	12·05	12·48	—0·43
South-West Bengal	12·20	1 00	+0·20
East Bengal	19·87	16·51	+3·36
North Bengal	18·02	14·04	+3·98
North Bihar	21·45	12·34	+9·11
South Bihar	16·28	12·02	+4·26
Chota Nagpur	15·10	13·09	+2·01

The area of deficient rainfall in the province of Bengal included North Orissa and the adjacent districts of Midnapore and Manbhum.

The rainfall of the month in Assam was in slight defect in the western districts of the Brahmaputra valley and was above the normal elsewhere. The largest variations were at Nowgong (10·41 inches in excess) and Sylhet (9·05 inches in excess). Rain fell very steadily during the month, but heavy downpours were quite the exception. Thus, at Cherrapoonjee, rainfalls in 24 hours exceeding 8 inches were registered on two occasions only during the month, *viz.* 10·19 inches on the 16th and 13·34 inches on the 25th.

The Central Provinces, Berar and Hyderabad received very steady rain during the month. The only break was from the 4th to the 6th. The rainfall was in general excess in Berar, the Central Provinces (except the northern districts), and the greater part of Hyderabad. The excess was more than 8 inches at Wun in Berar (9·93 inches), Hingoli in Hyderabad (9·21 inches), and Bilaspur in the Central Provinces (8·79 inches). The excess was relatively to the normal smaller in these areas than in the Gangetic plain, and averaged 10 per cent. in Hyderabad, 22 per cent. in Berar, and 9 per cent. in the Central Provinces.

The rains continued with unusual steadiness in the Bombay Presidency during the whole month, and rain fell on every day of the month at the coast stations of the Konkan and Guzerat. The drier districts of the Bombay Deccan, including Sholapur, Ahmednagar, Khandeish, and Bijapur, received remarkably little rain. This is the more noteworthy as the districts bordering this dry area in all directions obtained amounts considerably in excess of the normal. The following gives data for this dry area :—

District.	Station.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
		Inches.	Inches.	Inches.
AHMEDNAGAR	Ahmednagar	0·45	2·97	—2·52
NASIK	Nasik	3·15	7·40	—4·25
„	Malegaon	0·72	4·11	—3·39
BIJAPUR	Bijapur	0·74	2·42	—1·68
SHOLAPUR	Sholapur	2·21	4·42	—2·21
POONA	Poona	4·38	6·69	—2·31

The periods of heaviest rainfall in the coast districts and the West Ghâts were from the 8th to the 12th, the 17th to the 21st, and on the 30th and 31st. The following gives the rainfalls in 24 hours exceeding 10 inches registered during the month :—

Date.	Station.	Rainfall.
19th.	Mohableshwar	10·12 inches.
21st.	Matheran	10·10 ,,
30th.	Mohableshwar	11·08 ,,
30th.	Baura	10 52 ,,

The rainfall at the hill stations on the West Ghâts was larger in amount than at Cherra Poonjee during July, as is shown by the following data :—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Cherra Poonjee	117·21	115·39	+ 1·82
Baura	128·71	89·99	+38·72
Mohableshwar	144·50	104·19	+40·41
Matheran	126·94	86·89	+40·05

The rainfall of the month was considerably in defect in Kathiawar and Guzerat as well as in the drier Deccan districts, but was more or less above the average in other districts, the excess being not only absolutely, but relatively to the normal, greatest in the West Ghâts and Konkan coast districts. The excess was more than 10 inches at Vingurla (+15·55 inches), Ratnagiri (+11·58 inches), and Honawar (+10·30 inches). In Kathiawar the rainfall of the month was most deficient in the northern districts, more especially at Wadhwan, which received only 1·86 inches, or 5·54 inches less than its normal amount.

The northern districts of Madras received frequent moderate rain during the month, and the rainfall was generally above the average. Central and South Madras obtained occasional local showers, and the rainfall of the month was very irregularly distributed, but on the average of the whole area it was slightly in excess. Malabar received daily rainfall, giving total amounts differing little from the normal.

In Mysore rainfall was most general between the 20th and 27th. It was in excess in the western and central districts and slightly in defect in the eastern districts.

Tenasserim, Arakan and the southern districts of Lower Pegu received steady daily moderate rain during the month, and the rainfall of the month was generally in excess in these areas.

The rainfall over a large part of Central and Upper Burma was even smaller in amount than during the preceding month, and was largely below the average. The following gives data for this dry area :—

STATION.	Actual rainfall, July 1890.	Normal rainfall, July.	Variation from normal.
	Inches.	Inches.	Inches.
Mandalay	0·18	3·19	—3·01
Shweybo	0·05	4·07	—4·02
Ye-u	0·55	4·42	—3·87
Pagan	0·27	2·89	—2·62
Kyauksai	0·52	2·09	—1·57
Fort Sagaing	0·44	2·90	—2·46
Monywa	*Nil*	3·27	—3·27

The area represented by these stations received an average of three-tenths of an inch, or only an eleventh part of the normal amount (3·3 inches).

The following table gives a summary of the rainfall data of the month of July :—

METEOROLOGICAL DISTRICT.	Normal average rainfall, July.	Actual average, rainfall, July 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	14·68	21·83	+ 7·15	+49
Punjab Plains	6·26	8·01	+ 1·75	+28
North-Western Provinces and Oudh	12·22	17·67	+ 5·45	+45
Rajputana	7·74	7·28	— 0·46	— 6
Central India States	14·66	12·68	— 1·98	—13
Bihar	11·96	19·69	+ 7·73	+65
Western Bengal and Chota Nagpur	13·15	15·95	+ 2·80	+21
Lower Bengal	13·08	14·39	+ 1·31	+10
Eastern Himalayas	29·27	41·99	+12·72	+44
Assam and Eastern Bengal	22·75	25·12	+ 2·37	+10
Orissa and Northern Circars	11·00	11·15	+ 0·15	+10
Central Provinces, South	16·51	18·06	+ 1·55	+ 9
Berar and Khandeish	10·51	12·84	+ 2·33	+22
Guzerat	12·37	8·97	— 3·40	—28
Sind and Cutch	3·24	2·72	— 0·52	—16
North Deccan	6·29	7·38	+ 1·09	+17
Konkan and Ghâts	51·70	65·52	+13·82	+27
Malabar and Ghâts	31·58	31·08	— 0·50	— 2
Hyderabad	7·02	7·73	+ 0·71	+10
Ceded Districts and Mysore	3·57	3·13	— 0·44	—12
Carnatic	2·61	3·11	+ 0·50	+19
Nilgiris	3·30	2·66	— 0·64	—20
Ceylon	4·06	2·66	— 1·40	—34
Arakan	37·52	46·68	+ 9·16	+24
Pegu	17·07	18·75	+ 1·68	+10
Tenasserim	39·31	35·80	— 3·51	— 9
Upper Burma	5·88	3·56	— 2·32	—39
Bay Islands	15·72	10·02	— 5·70	—36

August.—The rainfall of the month is usually more irregular than that of July. There is a stronger tendency to the occurrence of breaks in the rains, and occasionally these are prolonged during the greater part of the month. August, 1890, was a month of fairly general and well distributed rainfall over nearly the whole of India. The Bombay current blew steadily during the first three weeks of the month. Winds of force

9 (hard gale) were reported by several steamers from the centre of the Arabian Sea. It fell off rapidly in strength on the 22nd and 23rd, and a general break in the rains obtained over the whole of North-Western and Central India and the North Deccan from the 23rd to the end of the month. The Bengal current (as measured by the strength of the winds) was also stronger than usual, and was apparently less largely diverted to Burma than usual. The storms of the month were due to shallower and more extensive depressions than usual, and hence gave widely-spread and moderate rain. In consequence of the pressure conditions the majority of these storms advanced to the Central Provinces and thence to Central India, and those areas hence received frequent and abundant rain.

There were six depressions, or cyclonic disturbances, in India during the month. They were shallower and more diffused than is usually the case, and were of no importance, except in so far as they modified the distribution of rainfall.

The following gives a brief account of these six disturbances:—

The first originated in the Bay off the coast of Ganjam on the 1st and 2nd, crossed the coast on the 5th, and advanced north-westwards through the eastern districts of the Central Provinces into the south-eastern districts of the North-West Provinces, where it filled up on the 8th. It gave a moderately heavy burst of rain to Bengal, Bihar, Chota Nagpur and the eastern districts of the North-Western Provinces.

The second depression formed in the eastern districts of the Central Provinces on the 9th, and advanced north-westwards into Bundelkhand, where it filled up on the evening of the 12th. The Central Provinces received a moderately heavy burst of rain during its existence.

The third depression formed in Bihar and Chota Nagpur on the 11th and 12th, and drifted slowly westwards into the south-eastern districts of the North-Western Provinces, where it filled up on the 15th and 16th. The depression gave moderately heavy rain to Bengal, Bihar, Chota Nagpur, and the eastern districts of the North-Western Provinces, and moderate rain to the Central Provinces.

The fourth depression formed in the north-west angle of the Bay on the 19th, and passed into Central Bengal on the 20th, and filled up in North Bengal on the 21st. Bengal received a general heavy fall of rain during its existence.

The fifth depression formed at the head of the Bay on the 25th, and advanced into North Bengal on the 27th, where it apparently filled up. The strong inrush of moist winds, however, continued and intensified, and heavy rain continued to fall in Bengal. This finally gave rise to a shallow depression, the sixth depression of the month in North Bengal, on the 29th, which filled up on the 30th and 31st.

The Punjab received fairly general and moderately heavy rain from the 2nd to the 10th. Sialkot received the very large amount of 10 inches on the 10th. This heavy rainfall was quite local, as no other station had a fall exceeding an inch and a half on that day. Showers were also received, chiefly in the eastern districts, until the 23rd, when a well marked break in the rains set in and lasted during the remainder of the month. The total rainfall of the month was in excess over the greater part of the province. There was a moderate deficiency in the Jullundur, Hoshiarpur, and Hissar districts. The excess was very large locally at Sialkot, where the rainfall was 20·4 inches above the normal.

In Rajputana showers were received in all districts from the 1st to the 15th, when dry weather set in and continued until the end of the month, except in Meywar, where the break did not commence until the 20th. The rainfall of the month was hence almost universally in defect by amounts which averaged 2·10 inches for the whole area, or 27 per cent. of the normal amount. The following gives the largest variation:—

STATION.	Actual rainfall, August 1890.	Average rainfall August.	Variation from normal.
	Inches.	Inches.	Inches.
Deoli	3·80	10·84	—7·04
Kotah	4·27	10·17	—5·90
Tonk	5·69	10·64	—4·95
Didwana	1·66	6·29	—4·63
Bickaneer	1·07	3·29	—2·22

Rain fell steadily over the whole of Central India from the 1st to the 10th and showers, more or less local in character, until the 23rd, when the break which commenced in Rajputana on the 16th extended to that area. The rainfall of the month was, with one or two exceptions, below the normal by small amounts. The deficiency was less than an inch, or 5 per cent. of the normal rainfall of the month.

The western and central districts of the North-Western Provinces obtained heavy general rain from the 2nd to the 5th, and showers from the 5th to the 18th or 19th, when dry weather set in and continued until the end of the month. In Oudh and the eastern districts of the North-Western Provinces the rains held more or less steadily until the 25th, when the break in the rains extended to those areas. The rainfall of the month was below the normal over the greater part of the province. It was in moderate excess in the hill districts, and also in the Gorakhpur, Basti, Allahabad and trans-Jumna districts. The excess was greatest at Ghazipur (+8·74 inches), Basti (+7·05 inches), Robertsganj (+6·25 inches), and Ballia (+5·38 inches). The deficiency in other districts was generally moderate in amount, but was large at the following stations:—

STATION.	Actual rainfall, August 1890.	Normal rainfall, August.	Variation from normal.
	Inches.	Inches.	Inches.
Mainpuri	2·93	8·13	—5·20
Jalaun	3·33	10·69	—7·36
Unao	2·72	10·18	—7·46
Fyzabad	5·17	11·12	—5·95
Hardoi	3·90	9·49	—5·59

The average actual rainfall of the whole province was less than one inch (·85 inch) below its normal amount (10·31 inches).

Bihar, Chota Nagpur and Bengal received fairly steady rain throughout the whole month. No large amounts were recorded in any part of the province, but moderate rain fell almost daily in every district. The rainfall was light and irregularly distributed in Orissa and South-West Bengal.

The total rainfall of the month was in moderate excess in Bihar. The heaviest rainfall was experienced in the districts of Patna, Gaya and Buxar. The following give data or stations in these districts:—

Station.	Actual rainfall, August 1890.	Normal rainfall, August.	Variation from normal.
	Inches.	Inches.	Inches.
Gaya	20·95	10·94	+ 10·01
Patna	17·38	10·33	+ 7·05
Buxar	16·59	10 39	+ 6·20

The rainfall was very irregularly distributed in Chota Nagpur, but was on the whole in slight excess. It was 13·16 inches above the normal at Sirguja, and 9·78 inches below it at the neighbouring station of Chaibassa.

The rainfall of the month was below the normal over nearly the whole of Bengal with the exception of the northern districts and the Jessore, Faridpur, and Murshidabad districts. The excess in North Bengal was considerable. Thus, Kuch Bihar received 22·50 inches more than its normal amount (22·82 inches), Kishanganj 11·85 inches in excess and Bogra 4·79 inches. The deficiency in other districts was generally slight or moderate in amount, and was greatest in the 24-Parganas, Comilla, Bankura, Hooghly and Midnapore. It was absolutely greatest at Bankura (—7·78 inches), Tumlook (—7·55 inches) and Midnapore (—6·57 inches). This deficiency extended to the northern districts of Orissa, but in the southern districts the rainfall was in moderate excess. The following table of comparative data for the whole province is taken from the Bengal Weather Summary of the month:—

Meteorological Division.	Rainfall, August.			Number of Rainy Days, August.		
	Actual average.	Normal average.	Variation from normal.	Actual average.	Normal average.	Variation from normal.
	Inches.	Inches.	Inches.			
Orissa	9·15	11·40	—2·25	16·1	18·2	—2·1
South-West Bengal . . .	8·67	12·77	—4·10	17·2	19·5	—2·3
East Bengal	14·10	15 93	—1·83	21·2	22·0	—0·8
North Bengal	18·20	13·84	+4·36	21·2	18·8	+2·4
North Bihar	15·54	11·60	+3·94	19·0	15·9	+3·1
South Bihar	14·15	11·37	+2·78	21·1	16·2	+4·9
Chota Nagpur	10·10	13·52	—3·42	19·5	21·0	—1·5

Assam received steady rain throughout the month, and the rainfall was generally in moderate excess. Cherra Poonjee received 40·01 inches in excess of the normal amount.

This was mainly due to a heavy burst of rain from the 16th to the 24th. The following gives data of this rainfall—

	Inches.		Inches.
16th	9·07	21st	8·34
17th	9·95	22nd	7·15
18th	8·08	23rd	9·40
19th	8·35	24th	5·86
20th	8·55		

giving a total of 74·75 inches in nine days. The total rainfall of the month was 120·05 inches.

Moderate steady rain was received in the Central Provinces from the 1st to the 24th, when a partial break set in, which lasted until the end of the month. The rainfall was irregularly distributed, deficiency in one district being compensated by excess in another. The average total rainfall of the whole province was only 0·44 inch below the normal amount (12·58 inches).

In Berar the rainfall was below the normal by moderate amounts in all districts except Buldana, where it was 4·64 inches in excess. Hyderabad obtained general rain from the 7th to the 20th, and again from the 10th to the 24th. The rainfall in this district, as in the Central Provinces, was very irregularly distributed, and was slightly below the normal (7 per cent. only).

Bombay (except Cutch and Sind) received steady and almost continuous rain from the 1st to the 20th. The rainfall then diminished very rapidly in amount, and was restricted to showers in the coast districts during the last week of the month. The 1st to the 8th was the period of heaviest rainfall in the coast districts and Ghâts. The following gives rainfalls in 24 hours exceeding 10 inches received during this period—

2nd.—Matheran	10·11	inches.
6th.—Mohableshwar	10·28	„
„ Baura	13·23	„

The rainfall of the month was above the normal in the Konkan and West Ghâts, and below it in the Deccan and North Bombay. The rainfall was very irregularly distributed in Kathiawar, Cutch, and Sind, but was on the whole in slight excess.

The following gives comparative data of the rainfall at the stations where it was most largely in excess.

Station.	Actual rainfall, August 1890.	Normal rainfall, August.	Variation from Normal.
	Inches.	Inches.	Inches.
Matheran	77·15	54·60	+22·55
Mohableshwar	85·76	70·16	+15·60
Baura	72·64	59·63	+13·01
Ratnagiri	31·03	20·54	+10·49
Goa	26·42	20·06	+6·36

The rainfall of the month was 8 per cent. in excess in the Konkan and Ghâts, and 8 per cent. in Sind and Cutch. It was nine per cent. in defect in Guzerat and 25 per cent. in Khandeish and the Bombay Deccan. The deficiency in the latter area was greatest at Dharwar (3·14 inches below the normal), Belgaum (3·00 inches below), and Bijapur (1·99 inches below).

Malabar received steady rain until the 13th, and practically no rain during the remainder of the month. The Madras Deccan, and the hill state of Jeypur obtained moderately heavy rain during the first fortnight of the month. During the general break in the rains in Northern and Central India, which commenced on the 20th, frequent showers fell in the North Madras and Coromandel coast districts. The total rainfall of the month was normal in Ganjam and in large excess in the hill state of Jeypur. The town of Jeypur received 15·96 inches in excess of its normal amount. It was, on the whole, in defect over the Deccan and Carnatic, and also in Mysore. The deficiency averaged 10 per cent. in the Carnatic and one per cent. in Mysore, and was hence small and of little importance.

Burma received fairly steady rain throughout the month. There were no heavy general downpours, and the rainfall was hence in moderate defect. Upper Burma, however, received slightly larger amounts than during the previous months of the monsoon. The rainfall was less than 3 inches at the following stations, which hence define the driest area in that province during the month :—

STATION.	Actual rainfall, August 1890.	Normal rainfall, August.	Variation from normal.
	Inches.	Inches.	Inches.
Pagan	0·80	2·33	−1·53
Monywa	1·32	3·11	−1·79
Myingyan	1·95	3·66	−1·71
Salin Myo	2·10	?	?
Kyauksa	2·84	4·36	−1·52
Yemethin	2·98	6·22	−3·24

The deficiency was large in amount at the Arakan coast stations, where it ranged from 8 to 13 inches. It averaged 20 per cent. in Arakan, 10 per cent. in Pegu, 27 per cent. in Tenasserim, and 33 per cent. in Upper Burma. The rainfall of the month was very largely, deficient, 55 per cent. at the Andamans, where barely one-half of the normal amount was received.

The following table gives a summary of the rainfall data of the month of August :—

METEOROLOGICAL DISTRICTS.	Normal average rainfall, August.	Actual average rainfall, August 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	13·80	16·89	+3·09	+22
Punjab Plains	5·20	7·04	+1·84	+35
North-Western Provinces and Oudh	10·31	9·46	−0·85	− 8
Rajputana	7·78	5·68	−2·10	−27
Central India States	12·40	11·76	−0·64	− 5

Meteorological District.	Normal average rainfall, August.	Actual average rainfall, August 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Behar	10·86	14·21	+3·35	+31
Western Bengal and Chota Nagpur	14·03	15·03	+1·00	+ 7
Lower Bengal	12·68	11·34	—1·34	—11
Eastern Himalayas	26·69	35·19	+8·50	+32
Assam and Eastern Bengal	19·60	22·12	+2·52	+13
Orissa and Northern Circars	10·31	10·42	+0·11	+ 1
Central Provinces, South	12·58	12·14	—0·44	— 3
Berar and Khandeish	7·90	6·01	—1·89	—24
Guzerat	8·33	7·56	—0·77	— 9
Sind and Cutch	2·76	2·98	+0·22	+ 8
North Deccan	4·61	3·55	—1·06	—25
Konkan and Ghâts	32·66	38·54	+5·88	+18
Malabar and Ghâts	17·30	12·69	—4·61	—27
Hyderabad	7·07	6·55	—0·52	— 7
Ceded Districts and Mysore	4·33	4·27	—0·06	— 1
Carnatic	4·20	3·79	—0·41	—10
Nilgiris	3·97	3·03	—0·94	—24
Ceylon	4·21	3·17	—1·04	—25
Arakan	31·50	25·23	—6·27	—20
Pegu	16·05	14·50	—1·55	—10
Tenasserim	36·63	26·65	—9·98	—27
Upper Burma	7·03	4·71	—2·32	—33
Bay Islands	14·83	6·69	—8·14	—55

September.—Both branches of the monsoon current were weaker than usual. The rainfall of the month was in defect over by far the greater part of India. Orissa, the Central Provinces, Berar Hyderabad, Central India and the North-Western Provinces and Behar received slightly larger amounts than usual, as they were included within the track of two depressions and cyclonic storms which determined moderate to heavy rainfall to the areas over which they passed. The first disturbance was a large shallow and almost stationary depression which overlay Orissa, the Central Provinces, the eastern districts of Central India and the North-West Provinces. The depression changed slightly in character from day to day, and was most clearly marked on the 15th and 18th, and finally disappeared on the 19th.

It was throughout a diffused disturbance which nevertheless determined general and moderately heavy rain to the whole area.

The second depression formed in the Bay and advanced as a cyclonic storm across the Circars and then passed by a curved path through the Central Provinces and Chota Nagpur into Bihar, where it filled up. It gave heavy rainfall from the 23rd to the 29th over the areas through which it passed.

The following table gives some of the most noteworthy rainfalls during this storm—

Date.	District.	Station.	Rainfall in inches.
23rd	CENTRAL PROVINCES	Bilaspur	4·72
24th	ORISSA	Barreepudda	7·72
25th	CENTRAL PROVINCES	Jellasore	3·57
25th	Ditto	Pachmarhi	5·27
27th	BENGAL	Pachbibi	8·50
28th	Ditto	Rangpur	10·40
29th	Ditto	Bhawanigunge (Gyabanda)	27·00

The excessive rainfall in the Rungpore district on the 28th and 29th is a remarkable example of the heavy local rainfall that frequently occurs in the immediate neighbourhood of the hills when a depression of the rains is breaking up.

The Punjab hill districts received light to moderate showers during the two periods of disturbance, and the eastern plain districts during the disturbance of the last week and the month. No rain fell during the month over nearly the whole of the western of central districts. The rainfall of the month was hence largely in defect. The deficiency was most marked in the districts nearest the hills and in the south-eastern districts. Data for representative stations in the latter area are given in the following table—

Station.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
	Inches.	Inches.	Inches.
Umballa	0·50	4·56	—4·06
Ludhiana	0·41	4·23	—3·82
Gurdaspur	0·22	3·35	—3·13
Rohtak	0·20	2·72	—2·52
Delhi	2·23	4·45	—2·22
Gurgaon	0·53	4·32	—3·79
Karnal	0·92	3·93	—3·01

The average fall of the whole province was only ·63 inch, and barely a fourth of the normal average amount.

Rajputana received showers during two periods from the 11th to the 14th, and from the 23rd to the 27th. Some large amounts were registered on the 24th and 25th. The rainfall of the month was with a few exceptions in defect. The deficiency was largest in the southern and western districts and exceeded four inches at Oodeypore, Mount Abu and Kotra. The whole area received little more than half its normal amount. Beluchistan, Sind and Cutch were practically rainless during the month.

In Central India fairly general rain was received during the same two periods as in Rajputana, *viz.* from the 12th to the 18th and from the 23rd to the 27th. The rainfall of the second period was chiefly restricted to the eastern districts, and was very heavy on the 26th, many stations receiving amounts exceeding 3 and 4 inches. The rainfall of the month was considerably below the average in the western and central districts, and largely above it in the eastern districts.

The following gives data for a few stations—

District.	Station.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
		Inches.	Inches.	Inches.
Western and Central Districts.	Sirdarpore	2·98	7·48	—4·50
	Rutlam	2·52	7·83	—5·31
	Bhopal	5·90	8·66	—2·76
Eastern Districts	Teonthar	15·54	7·14	+8·40
	Chandia	15·18	6·95	+8·23
	Nagode	13·40	7·02	+6·38
	Sutna	10·48	5·58	+4·90

In the North-Western Provinces, as in Central India, there was a complete break from the 1st to the 12th. This was followed by a period of fairly general rain lasting until the 18th or 19th, and a short break until the 22nd, after which general rain again set in and continued until the 27th or 28th. The rainfall during the second period was very heavy and general in the eastern districts, and light and scattered in the western and southern districts.

The rainfall of the month was below the normal in the western and southern districts, more especially Aligarh, Etah, Mainpuri, Jalaun and Hamirpur, in which the deficiency was as marked as in Rajputana.

The following gives data for representative stations in these districts:—

District.	Station.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
		Inches.	Inches.	Inches.
Aligarh	Aligarh	1·07	4·49	—3·42
Etah	Etah	1·79	4·67	—2·88
Mainpuri	Mainpuri	1·30	5·54	—4·24
Jalaun	Jalaun	1·80	5·08	—3·28
Hamirpur	Hamirpur	2·37	4·99	—2·62

Over the remainder of the North-Western Provinces and in Oudh the rainfall was in moderate excess, the excess being largest in the eastern districts, which received heavy rain during the second rainfall period of the month. The excess was greatest in the following cases:—

District.	Station.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
		Inches.	Inches.	Inches.
Mirzapur	Mirzapur	13·60	6·99	+6·61
	Robertsganj	13·71	7·65	+6·06
Kheri	Kheri	14·10	8·40	+5·70
Bahraich	Bahraich	13·76	8·09	+5·67
Bara Banki	Nawabganj	15·38	8·98	+6·40

In Bihar there were two periods of rainfall, *viz.* from the 14th to the 17th and from the 21st to the 29th. Rain was heaviest and most general on the 27th and 28th. The break in the rains from the 1st to the 13th was as strongly marked in Behar as in the North-Western Provinces. Showers, local in character, were received during this period in Chota Nagpur, Orissa, Bengal and Assam. The break in the rains from the 17th to the 21st in the Gangetic plain was also a period of local showers in Bengal, and hence fairly general rain was received from the 13th to the end of the month.

The rainfall was more or less in excess in the districts affected by the cyclonic storm of the fourth week of the month *i. e.* in Orissa, the eastern districts of Bihar, North Bengal, and the western districts of South Bengal and some parts of Chota Nagpur. The excess was greatest in Orissa and North Bengal, and exceeded 8 inches at the following stations :—

DISTRICT.	STATION.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
		Inches.	Inches.	Inches.
ORISSA	Cuttack	21·02	9·93	+11·09
	Balasore	22·89	12·68	+10·21
	Jellasore	22·05	10·81	+11·24
NORTH BENGAL	Rangpur	23·56	13·33	+10·23
	Kuch Bihar	29·86	21·63	+ 8·23

The rainfall of the month was in moderate defect in the western and central districts of Bihar and was considerably below the normal in East Bengal and Assam.

The deficiency was greatest in the districts represented by the following stations :—

DISTRICT.	STATION.	Variation from normal.
		Inches.
EAST BENGAL	Dacca	— 7·74
	Comilla	— 6·34
ASSAM	Dibrugarh	— 8·63
	Kulsi	— 7·36
	Shillong	— 7·27
	Cherra Poonjee	—36·39
	Sylhet	— 5·74

The following table, taken from the Bengal Weather Report for the data, shows the chief features of the rainfall of the month very clearly :—

DISTRICT.	RAINFALL, SEPTEMBER.			NUMBER OF RAINY DAYS, SEPTEMBER.		
	Actual average.	Normal average.	Variation from normal.	Actual average.	Normal average.	Variation from normal.
	Inches.	Inches.	Inches.			
Orissa	17·21	10·25	+6·96	18·3	15·3	+3·0
South-West Bengal	9·36	9·04	+0·32	14·8	14·6	+0·2
East Bengal	7·21	12·08	—4·87	12·2	16·5	—4·3
North Bengal	19·17	13·42	+5·75	14·4	14·3	+0·1
North Bihar	9·53	9·85	—0·32	8·9	11·1	—2·2
South Bihar	6·53	7·98	—1·45	10·3	12·2	—1·9
Chota Nagpur	7·03	8·71	—1·68	13·3	15·4	—2·1

The Central Provinces and Berar received occasional showers from the 1st to the 10th, and almost daily rain during the remainder of the month. The rainfall was heaviest and most general on the 13th and 14th, and on the 24th, 25th and 26th. The rainfall was more or less above the normal at the great majority of stations. The excess was greatest in the central districts of Nagpur, Bhandara and Seoni in the Central Provinces, and in Wun in Berar :—

DISTRICT.	STATION.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
		Inches.	Inches.	Inches.
CENTRAL PROVINCES	Bhandara	18·30	9·45	+8·85
	Nagpur	13·92	7·85	+6·07
	Seoni	14·04	8·20	+5·84
BERAR	Wun	13·62	6·73	+6·89

Hyderabad received steady and favourable rain from the 7th to the end of the month, and the rainfall was either normal or in excess by moderate amounts. The average excess for the whole state was 1·02 inches, or 15 per cent. of the normal fall.

In Bombay the only period of moderately heavy and general rainfall was from the 8th to the 15th. Showers were received during the remainder of the month in the Deccan and the Bombay coast districts south of Surat. The rainfall was hence generally deficient. There was a slight excess in Bijapur, Hubli, Nasik and Malegaon. The deficiency was most marked in the coast districts, as is shown by the following return :—

DISTRICT.	STATION.	Actual rainfall, September 1890.	Normal rainfall, September.	Variation from normal.
		Inches.	Inches.	Inches.
KONKAN	Honawar	5·03	14·74	— 9·71
	Karwar	5·73	12·16	— 6·43
	Goa	3·04	10·00	6·96.
	Ratnagiri	5·23	12·50	— 7·27
MALABAR	Mangalore	4·74	11·06	— 6·32
	Tellicherry	4·04	9·97	— 5·93
WEST GHATS	Mohableshwar	18·42	31·35	—12·93
	Baura	14·29	31·86	—17·57

The deficiency in the Deccan averaged only 11 per cent., whilst in the Konkan and Ghâts it averaged 37 per cent. and in Malabar 49 per cent.

Guzerat and Kathiawar received barely half of their normal fall during the month.

South and Central Madras obtained frequent moderate showers of rain until the 15th, when a break set in which lasted until the 29th. North and Central Madras received moderate showers during the first fortnight of the month and heavy general rain from the 17th to the 25th in connection with the second depression of the month. This rainfall was heavy in Ganjam and the Circars and the adjacent hill states. The rainfall of the month was irregularly distributed, but was generally in slight excess in the central districts, and was in moderate defect in the northern districts of Ganjam and the Circars, and in the more southerly districts of Tinnevelly and Madura, and on the average of the whole of Mysore and the Carnatic the rainfall of the month was almost identical with the normal.

Burma obtained steady and general rain from the 1st to the 23rd, and showers, chiefly in the coast districts, during the remainder of the month. The total rainfall of the month was in defect except in some parts of Tenasserim, and at Ye-u, Yemethin, Bhamo and Mingin in Upper Burma. The deficiency was largest in Arakan, where it averaged nearly 24 per cent. It was slightly smaller in Pegu (21 per cent.) and Upper Burma (17 per cent.). The deficiency was hence approximately uniform in amount over the province.

The following table summarises the rainfall data of the month:—

Meteorological District.	Normal average rainfall, September.	Actual average rainfall, September 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	Inches.
Western Himalayas	5·38	5·83	+0·45	+ 8
Punjab Plains	2·31	0·63	−1·68	−73
North-Western Provinces and Oudh	6·55	7·49	+0·94	+14
Rajputana	2·87	1·73	−1·14	−40
Central India States	6·94	8·66	+1·72	+25
Bihar	7·97	7·19	−0·78	−10
Western Bengal and Chota Nagpur	8·14	7·03	−1·11	−14
Lower Bengal	10·47	10·55	+0·08	0
Eastern Himalayas	20·21	20·51	+0·30	+ 1
Assam and Eastern Bengal	15·27	10·00	−5·27	−35
Orissa and Northern Circars	8·83	10·20	+1·37	+16
Central Provinces, South	8·35	10·38	+2·03	+24
Berar and Khandeish	7·09	7·61	+0·52	+7
Guzerat	5·21	2·67	−2·54	−49
Sind and Cutch	1·00	0·08	−0·92	−92
North Deccan	4·77	4·23	−0·54	11
Konkan aad Ghâts	17·24	10·80	−6·44	−37
Malabar and Ghâts	9·13	4·68	−4·45	−49
Hyderabad	6·87	7·89	+1·02	+15
Ceded Districts and Mysore	4·92	4·70	−0·22	− 4
Carnatic	4·35	4·04	−0·31	− 7
Nilgiris	4·68	3·14	−1·54	−33
Ceylon	4·86	3·73	−1·13	−23
Arakan	18·01	13·73	−4·28	−24
Pegu	11·98	9·44	−2·54	−21
Tenasserim	27·12	27·09	−0·03	0
Upper Burma	8·03	6·65	−1·38	−17
Bay Islands	19·58	20·10	+0·52	+ 3

October.—Was unusually dry, and the rainfall scanty over the whole of North-Western and Central India. The average rainfall of the whole area, including the Punjab, North-Western Provinces, Rajputana, Central India, Guzerat, Cutch and Sind was less than a quarter of an inch. These districts received a few scattered and local showers, chiefly at the beginning of the month, and on the 20th and 21st in Upper India, and on the 13th, 14th and 15th in Oudh and the eastern districts of the North-Western Provinces. The rainfall in the Punjab, Rajputana and the western districts of the North-Western Provinces is usually small in October, and hence the deficiency in these areas was not large in actual amount. The eastern districts of the North-Western Provinces and Oudh generally receive occasional moderate rain during the month, and hence the deficiency was large and rather serious. The following gives data for representative stations:—

PROVINCE.	STATION.	Actual rainfall, October 1890.	Normal rainfall, October.	Variation from normal.
		Inches.	Inches.	Inches.
NORTH-WESTERN PROVINCES, EAST.	Gorakhpur	0·23	3·00	—2·77
	Jaunpore	0·80	2·91	—2·11
	Robertsganj	0·19	2·47	—2·28
	Mirzapore	0·03	2·02	—1·99
OUDH	Partabgarh	0·15	1·69	—1·54
	Sultanpur	*Nil*	1·70	—1·70
	Kheri	0·10	1·53	—1·43

The deficiency was almost as large in amount in the eastern districts of Central India as in the eastern districts of the North-Western Provinces, and exceeded 2 inches at several stations. The North-Western Provinces and Central India received on the average barely a fifth of their normal amount (1·4 inches).

The Bay of Bengal branch of the monsoon current gave on the whole more rain than usual to North-Eastern India and Burma, and was diverted more largely to the eastern districts of this area than usual, which hence received considerably more than their normal amounts. Local showers were received in Bihar, Bengal and Assam during the first six days of the month. This was followed by a general break, which lasted until the 12th. A cyclonic storm, which formed in the Bay during this interval, advanced by a somewhat unusual course to the neighbourhood of Ganjam and Orissa, and then passed into West and Central Bengal, and broke up as a storm on the 15th and 16th in the neighbourhood of the hills in North Bengal. A strong influx of humid winds across the Bengal coast accompanied and followed the advance of the storm across Bengal, and gave heavy rain to the whole of Bengal, Bihar, Chota Nagpur and Assam, from the 12th to the 18th. The districts of Rangpur, Dinajpur and Purnea in North Bengal received excessive rain on the 15th, whilst the storm was breaking up in the neighbourhood of the hills.

The following gives some of the more remarkable rainfalls during the progress of the storm through Bengal:—

		Inches.
12th	Bhuddruck	5·00
	Kunjabangar	3·50
13th	Bispara	4·25
	Cuttack	5·35
	False Point	4·70
	Puri	4·39
14th	Naya Dumka	6·25
	Jellasore	3·54
	Bogra	4·35
	Tamluk	4·00
	Contai	9·40
	Thakurgaon	12·30
	Jamtara	12·04
15th	Darjeeling	6·37
	Buxa	6·00
	Jalpaiguri	6·26
	Kishanganj	9·75
	Rangpur	14·06
	Dinajpur	10·70
	Kuch Bihar	5·81
16th	Tura	11·08

The heavy cyclonic rainfall due to the storm hence gave rise to a very unequal distribution of rainfall in Bengal. The rainfall of the month was generally in slight defect in Bihar and Chota Nagpur, in moderate excess in Orissa, South-West and East Bengal, and was largely in excess in North and Central Bengal. The following gives data for stations in the latter area in which the rainfall was most excessive:—

Station.	Actual rainfall, October 1890.	Normal rainfall, October.	Variation from normal.
	Inches.	Inches.	Inches.
Rangpur	19·95	5·14	+14·81
Jalpaiguri	18·29	5·66	+12·63
Buxa	20·68	10·28	+10·40
Dinajpur	14·78	4·90	+ 9·88
Kishanganj	13·32	3·50	+ 9·82
Bogra	12·06	4·67	+ 7·39
Saugor Island	21·76	9·67	+12·09

The general distribution of the rainfall of the month is shown by the data of the following table, extracted from the Bengal Weather Report:—

Meteorological Division.	Rainfall, October.			Number of Rainy Days, October.		
	Actual average.	Normal average.	Variation, from normal.	Actual average.	Normal average.	Variation from normal.
	Inches.	Inches.	Inches.			
Orissa	9·00	6·16	+2·84	8·5	8·1	+0·4
South-West Bengal	8·07	4·33	+3·74	8·4	6·6	+1·8
East Bengal	6·92	5·43	+1·49	9·7	7·7	+2·0
North Bengal	12·30	4·38	+7·92	7·4	5·6	+1·8
North Bihar	3·59	3·54	+0·05	4·1	3·7	+0·4
South Bihar	3·78	3·30	+0·48	4·8	4·3	+0·5
Chota Nagpur	2·07	2·97	—0·90	5·0	5·6	—0·6

Assam received general rain during the same two periods as Bengal. The rainfall of the month was largely in excess at Dhubri (6·38 inches) above the normal and Tura (10·88 inches) the two stations where the rainfalls were most largely increased by the cyclonic storm of the second week of the month. It was in moderate excess in the Assam valley, and considerably in defect in the Silchar and Sylhet districts.

Burma and the Andamans received fairly steady general rain from the beginning of the month until the 23rd. The falls were in no case large. The local amounts were generally slightly in excess except in the coast districts of Arakan and Tenasserim, where there was a slight deficiency, greatest at Shwegyin (3·81 inches), Moulmein (3·36), Sandoway (3·71 inches) and Akyab (3·40 inches).

The Central Provinces received local showers chiefly on the 2nd, 3rd, 12th and 13th, which gave it an average of ·44 inch, or barely 20 per cent. of the normal fall of the month (2·12 inches). In Hyderabad showers fell daily during the first week of the month, from the 11th to the 13th, and on the 30th and 31st. It obtained an average of 1·2 inches, or 1·69 inches less than the normal average of the state in October.

Practically no rain fell in Kathiawar and Guzerat. The Bombay, Deccan and coast districts received fairly general rain from the 1st to the 9th, and some light showers chiefly on the 12th, 13th and 27th.

The Konkan obtained an average of 2·36 inches, or 49 per cent. of its normal amount, and Berar and Khandeish only 35 per cent. of their normal fall. The deficiency in the North Deccan was much smaller, averaging only 13 per cent.

Madras received fairly general rain from the 1st to the 12th or 13th. The rainfall was especially heavy in North Madras on the 11th and 12th. Some light showers were received, chiefly in South Madras between the 13th and 25th, on which day general rain commenced in Central and South Madras, and continued until the end of the month. North Madras obtained occasional showers during the same period.

This second period of rainfall (from the 25th to the end of the month) formed the commencement of the retreating south-west monsoon rains (the so-called north-east monsoon rains) on the Madras coast. The Carnatic received an average of 7·74 inches, an amount almost identical with the normal, and Mysore an average of 4·74 inches, or 16 per cent. less than the normal. The rainfall was generally in moderate defect in the northern and central districts of Madras, and in excess in the southern districts. The deficiency was large at Nellore (—8·63 inches), Saidapet (—8·69 inches), Madras (—6·66 inches) and Salem (—5·21 inches). In the southern districts Putukota received an excess of 12 68 inches, Trichinopoly of 6·66 inches, Dindigul of 6·23 inches, and Karur of 5·28 inches.

The following table summarizes the rainfall data of the month :—

METEOROLOGICAL DISTRICT.	Normal average rainfall, October.	Actual average rainfall, October 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	0·99	0·74	—0·25	— 25
Punjab Plains	0·39	0·28	—0·11	— 28
North-Western Provinces and Oudh	1·29	0·27	—1·02	— 79
Rajputana	0·36	0·21	—0·15	— 42

METEOROLOGICAL DISTRICT.	Normal average rainfall, October.	Actual average rainfall, October 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Central India States	1·45	0·24	−1·21	− 83
Bihar	2·95	2·02	−0·93	− 32
Western Bengal and Chota Nagpur	3·04	2·80	−0·24	− 8
Lower Bengal	4·76	8·63	+3·87	+ 81
Eastern Himalayas	6·00	13·47	+7·47	+125
Assam and Eastern Bengal	5·56	6·76	+1·20	+ 22
Orissa and Northern Circars	5·89	6·53	+0·64	+ 11
Central Provinces, South	2·12	0·44	−1·68	− 79
Berar and Khandeish	2·71	0·94	−1·77	− 65
Guzerat	0·86	0·24	−0·62	− 72
Sind and Cutch	0·19	0·01	−0·18	− 95
North Deccan	4·85	4·24	−0·61	− 13
Konkan and Ghâts	4·82	2·36	−2·46	− 51
Malabar and Ghâts	8·06	5·39	−2·67	− 33
Hyderabad	2·89	1·20	−1·69	− 58
Ceded Districts and Mysore	5·65	4·74	−0·91	− 16
Carnatic	7·72	7·74	+0·02	+ 0
Nilgiris	9·95	10·89	+0·94	+ 9
Ceylon	9·73	7·30	−2·43	− 25
Arakan	8·26	5·52	−2·74	− 33
Pegu	6·44	7·57	+1·13	+ 18
Tenasserim	10·36	7·82	−2·54	− 25
Upper Burma	3·79	4·53	+0·74	+ 20
Bay Islands	12·23	13·47	+1·24	+ 10

November.—This month was even drier than usual over nearly the whole of Northern India. The average total rainfall of the month was less than a tenth of an inch in the North-Western Provinces, Oudh, Rajputana, Guzerat, Central India, Bihar, Chota Nagpur, West Bengal and the Eastern Himalayas.

The rainfall of the month was considerably in excess in the Punjab, Sind and Beluchistan. This was due to the unusually early commencement of the cold weather rains in Upper India, thus even at this stage indicating the probability of a severe winter in the mountain districts bordering North-Western India. The rainfall due to this cause was somewhat irregularly distributed, but was excessive over Beluchistan, Sind and the north and west of the Punjab. Sind received a local average fall during the month of 2·7 inches, the normal fall of the month barely exceeding a tenth of an inch. The largest amounts were recorded at Kurrachi (4·66 inches) and Tatta (4·04 inches). The following gives some of the more noteworthy rainfall data at stations on the railway between Sibi and Quetta:—

STATION.	Rainfall of month of November 1890.
	Inches.
Hirakh	8·49
Khost	6·69
Sharigh	5·94
Nasak	5·81
Killa Abdulla	5·59
Mudgorge	5·29
Sayhad Hamid	5·00

There were two periods of rainfall in Upper India in November 1890. The first extended from the 17th to the 19th, and the second from the 24th to the 28th. Rain was confined to the hill districts of the Punjab and Beluchistan during the first period. The rainfall of the second period was abnormally heavy, and some stations in Beluchistan and the frontier districts recorded amounts in 24 hours exceeding 2 inches. The following gives the largest falls:—

PROVINCE.	STATION.	Date.	Rainfall in inches.
BELUCHISTAN	Hirakh	25th	3·50
	"	26th	3·30
	Sunari	27th	3·10
	Nasak	"	3·09
	Sharigh	"	3·12
	Khost	"	3·22
SIND	Kurrachi	"	2·51
	Tatta	"	2·90
	Shikarpur	"	2·60

The average rainfall of the month at these stations is not known, but it is certainly less than half an inch. Peshin obtained a total of 4·83 inches (3·84 inches in excess of its normal fall) and Quetta of 3·72 inches (3·40 inches in excess).

The rainfall of the month was in excess in the whole of the Punjab, except the south-eastern districts and the Himalayan hill districts, in which it was below the normal to a slight extent. The excess was greatest in the northern and western districts at the following stations:—

STATION.	Actual rainfall, November 1890.	Normal rainfall, November.	Variation from normal.
	Inches.	Inches.	Inches.
Peshawar	4·02	0·71	+3·31
Kohat	2·60	0·80	+1·80
Bannu	2·71	0·33	+2·38
Dera Ismail Khan	1·95	0·19	+1·76
Shahpur	2·50	0·28	+2·22

The most important rainfall of the month is usually due to the retreating south-west monsoon in the Bay, and is generally distributed over the Peninsula, the largest amounts being received in the coast districts. Rain in the western districts of the Peninsula is also occasionally received in this month, due to the disturbed weather in the Arabian Sea off the Malabar or Konkan coasts.

Rainfall was more or less general over the whole of the Peninsula during the first ten days of the month and was due to both causes, *viz.* to the humid winds of the retreating south-west monsoon in the Bay, and to disturbed weather (giving westerly winds) in the Arabian Sea off the Malabar coast.

Madras and Mysore received moderate and fairly steady rain from the 1st to the 9th or 10th, Hyderabad and the Bombay Deccan, from the 1st to the 9th, the Central Provinces and Berar on the 7th, 8th and 9th, and Orissa on the 1st and 2nd. South Madras received light occasional showers between the 22nd and 30th, but the amounts were very small and of little importance, except at the South Coromandel coast stations. The following gives the largest amounts recorded during this period and indicates the areas of heaviest rainfall at this period :—

DATE.	Station.	Rainfall in inches.
22nd	Tranquebar	2·30
26th	Negapatam	3·13
29th	Tranquebar	4·45
29th	Negapatam	3·90

The heaviest rainfall during this period was hence in the Circars and adjacent districts of the Central Provinces and in the Bombay Deccan.

The rainfall of the month was normal in amount or in moderate excess in Orissa and the northern coast districts of Madras, and in the Bellary, Kurnool and Anantapura districts. The following gives data for representative stations :—

STATION.	Actual rainfall, November 1890.	Normal rainfall, November.	Variation from normal.
	Inches.	Inches.	Inches.
Masulipatam	10·46	4·44	+6·02
Ongole	11·30	6·65	+4·65
Guntur	5·85	2·38	+3·47
Bellary	4·54	1·22	+3·32
Gooty	3·60	1·24	+2·36
Hosur	6·45	3·97	+2·48

The rainfall of the month was, with one or two local exceptions, considerably in defect over the remainder of the Madras Presidency. The deficiency was not only absolutely but relatively greatest in the coast districts. The following data show the amount of the deficiency in different districts:—

District.	Station.	Actual rainfall, November 1890.	Normal rainfall, November.	Variation from normal.
		Inches.	Inches.	Inches.
NORTH ARCOT	Arcot	1·93	6·04	—4·11
SOUTH ARCOT	Cuddalore	4·80	13·49	—8·69
CHINGLEPUT	Madras	4·59	13·47	—8·88
DITTO	Chingleput	3·07	10·06	—6·99
DITTO	Conjeeveram	1·60	8·55	—6·95
DITTO	Saidapet	3·20	15·54	—12·34
NELLORE	Nellore	2·25	10·73	—8·48
DITTO	Tada	2·98	12·20	—9·22
COIMBATORE	Coimbatore	0·76	3·31	—2·55
TINNEVELLY	Tinnevelly	3·40	8·97	—5·57

The Salem, Trichinopoly and Tanjore districts obtained slightly larger amounts than the normal, and were exceptions to the general deficiency over the whole of Central and South Madras. The deficiency was greatest in the Tinnevelly, Nellore, Chingleput and Arcot districts.

The rainfall of the month was very favourable in the Bombay Deccan, and was in general excess. The excess was large in amount at the majority of stations, more especially at the following:—

Station.	Actual rainfall, November 1890.	Normal rainfall, November.	Variation from normal.
	Inches.	Inches.	Inches.
Mandargi	7·21	1·59	+5·62
Kalghatgi	9·30	1·38	+7·92
Sholapur	6·83	0·87	+5·96
Bijapur	6·39	1·41	+4·98
Poona	4·46	0·93	+3·53
Belgaum	5·06	1·36	+3·70
Dharwar	5·75	2·16	+3·59
Hubli	4·65	1·38	+3·27

The average fall of the month in the Bombay Deccan was 3·33 inches in excess of the normal. Hyderabad received amounts generally in slight excess. It obtained an average fall of 2·17 inches, the normal being 1·22 inches. The rainfall of the month was also considerably in excess in the Central Provinces and Berar, but it was much more unequally distributed than that of the Deccan. It was in slight defect in the districts north of the Vindhyas and in the Sambalpur district. The excess was locally very large at Bhandara (9·31 inches), and Basim (4·24 inches), and averaged 1·62 inches in the

Central Provinces and 1·41 inches in Berar, the average fall in each slightly exceeding 2 inches. Burma obtained light showers during the first four days of the month. The rainfall was in defect over nearly the whole of that area. The deficiency was large relatively and absolutely least in Upper Burma. There was a slight excess in some parts of Central Burma *e. g.*, Prome, Thayetmyo, Mandalay and Ye-u. The deficiency was large in the coast districts of Lower Burma and Tenasserim, more especially at the following stations:—

STATION.	Actual rainfall, November 1890.	Normal rainfall, November.	Variation from normal.
	Inches.	Inches.	Inches.
Diamond Island	1·20	7·62	−6·42
Bassein	0·34	3·64	−3·30
Mergui	0·79	3·53	−2·74
Rangoon	0·72	2·99	−2·27

The following table summarizes the rainfall data of the month:—

METEOROLOGICAL DISTRICT.	Normal average rainfall, November.	Actual average rainfall, November 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	0·60	0·61	+0·01	+ 17
Punjab Plains	0·22	0·76	+0·54	+245
North-Western Provinces and Oudh	0·08	0	−0·08	−100
Rajputana	0·06	0·02	−0·04	− 67
Central India States	0·26	0·06	−0·20	− 77
Bihar	0·18	0	−0·18	−100
Western Bengal and Chata Nagpur	0·43	0·08	−0·35	− 81
Lower Bengal	0·52	0·18	−0·34	− 65
Eastern Himalayas	0·23	0·07	−0·16	− 70
Assam and Eastern Bengal	0·87	0·26	−0·61	− 70
Orissa and Northern Circars	2·29	2·45	+0·16	+ 7
Central Provinces, South	0·54	2·16	+1·62	+300
Berar and Khandeish	0·71	2·12	+1·41	+199
Guzerat	0·25	0	−0·25	−100
Sind and Cutch	0·12	1·96	+1·84	+1533
North Deccan	1·28	4·61	+3·33	+260
Konkan and Ghâts	0·94	1·70	+0·76	+ 81
Malabar and Ghâts	3·26	2·23	−1·03	− 32
Hyderabad	1·22	2·17	+0·95	+ 78
Ceded Districts and Mysore	2·24	4·00	+1·76	+ 79

Meteorological District.	Normal average rainfall, November.	Actual average rainfall, November 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Carnatic	7·32	5·05	—2·27	— 31
Nilgiris	8·10	5·89	—2·21	— 27
Ceylon	11·27	8·70	—2·57	— 23
Arakan	2·61	1·69	—0·92	— 35
Pegu	2·90	0·96	—1·94	— 67
Tenasserim	2·25	0·49	—1·76	— 78
Upper Burma	1·19	0·99	—0·20	— 17
Bay Islands	8·95	8·54	—0·41	— 5

December.—The month was even drier than usual in North-Eastern India and Burma, and the rainfall of Bihar, Chota Nagpur, West and Lower Bengal, Pegu, Upper Burma and Tenasserim was less than a tenth of an inch in amount, and over a considerable portion of that area no rain fell during the month. The deficient rainfall in these areas was mainly due to the early establishment of the north-east monsoon proper (in the last week of November) over the Bay area, at least a fortnight earlier than usual. Hence the rainfall of the month was unusually small at Port Blair and in the Carnatic. The total rainfall at Port Blair was only 0·27 inch, the normal amount being 5·69 inches. The average total rainfall of the month in the Carnatic area was 0·75 inch, or little more than one-fifth of the normal rainfall (3·44 inches). The deficiency was, as might be expected, less marked in Ceylon; where the rainfall of the month, as estimated by the amounts registered at the observatories, was 30 per cent. in defect. The deficiency in Madras was most marked in the case of the Coromandel Coast stations, which usually receive moderately heavy rain during the first half of December. The following gives data for a few stations:—

Station.	Actual rainfall, December 1890.	Normal rainfall, December.	Variation from normal.
	Inches.	Inches.	Inches.
Negapatam	0·77	10·13	—9·36
Tranquebar	0·35	9·65	—9·30
Madras	0·49	5·29	—4·80
Madura	0·10	2·24	—2·14

Weather was on the other hand somewhat more disturbed than usual in the south-east portion of the Arabian Sea, and the occasional influx of humid winds gave rise to occasional showers in the Peninsula, which were heaviest and most general in the western districts of Ceylon, Malabar, Konkan, the Western and Central Deccan, and Mysore.

The contrast between the rainfall due to the north-east winds of the Bay of Bengal and the abnormal westerly winds of the south-east of the Arabian Sea is shown very clearly by the Ceylon rainfall variations. The following gives the most striking examples :—

PROVINCE.	STATION.	Actual rainfall, December 1890.	Normal rainfall, December.	Variation from normal.
		Inches.	Inches.	Inches.
EASTERN DISTRICTS	Jaffna	1·76	10·01	−8·25
	Mannar	1·15	7·94	−6·79
WESTERN DISTRICTS	Galle	6·91	6·43	+0·48
	Colombo	8·49	6·48	+2·01

In consequence of these peculiar conditions, Mysore, Hyderabad, the Deccan, and Konkan obtained amounts slightly in excess of their small normal average falls of the month. The variations were generally small, but a few stations showed a large excess, of which the following were the most noteworthy examples :—

PROVINCE.	STATION.	Actual rainfall, December 1890.	Normal rainfall, December.	Variation from normal.
		Inches.	Inches.	Inches.
BOMBAY DECCAN	Ahmednagar	3·91	0·53	+3·38
	Nasik	2·12	0·28	+1·84
HYDERABAD	Bidar	4·57	0·87	+3·70
	Indore	2·66	0·55	+2·11

The rainfall in North-Western India was in general excess. The increased rainfall was due to the unusually disturbed weather of the month and the occurrence of two cold weather storms.

The following gives the chief periods of disturbance and rainfall :—

DATE.	Areas affected.	Character of rainfall.
1st and 2nd	Punjab	Moderate.
7th to 9th	Punjab	Very light.
	Rajputana	Light and scattered.
15th to 17th	Punjab	Heavy.
	Rajputana	Light.
	North-Western Provinces	Very light and scattered.
20th to 22nd	Punjab	Moderate.
	North-Western Provinces (Hill districts).	Light and scattered.
25th to 27th	Punjab	Moderate.
	North-Western Provinces (Western districts).	Light and scattered.

The largest amounts were received on the Punjab plains on the 17th, when amounts exceeding one inch were registered at many stations in the East Punjab. The precipitation was heaviest in the hill districts on the 21st and 25th.

In the Punjab the rainfall of the month was in excess in all districts, except Hissar and Rohtak. The excess was greatest at the hill stations, and in the northern and eastern districts, in which it ranged from one to three inches. It was absolutely greatest at the stations for which data are given below:—

Station.	Actual rainfall, December 1890.	Normal rainfall, December.	Variation from normal.
	Inches.	Inches.	Inches.
Rawalpindi	4·47	1·15	+3·32
Guzerat	3·45	0·73	+2·72
Sialkot	3·74	0·86	+2·88

The excess was as marked at the Punjab hill districts and in Beluchistan as it was in the Punjab, as is shown by the following:—

	Station.	Actual rainfall, December 1890.	Normal rainfall, December.	Variation from normal.
		Inches.	Inches.	Inches.
PUNJAB HILL DISTRICTS	Murree	9·35	1·63	+7·72
	Simla	3·08	1·03	+2·05
BELUCHISTAN	Quetta	3·66	0·61	+3·05
	Kelat	3·11	0·58	+2·53

The mean total rainfall of the province was 1·71 inches, or nearly three times the normal amount (0·55 inch). The rainfall of the month was almost as largely in excess relatively to the normal in Sind and in North-West, North and Central Rajputana. The following gives the more noteworthy variations:—

Station.	Actual rainfall, December 1890.	Normal rainfall, December.	Variation from normal.
	Inches.	Inches.	Inches.
Jeysulmere	1·35	0·17	+1·18
Bickaneer	0·63	0·06	+0·57
Ajmere	0·91	0·26	+0·65
Pachpadra	0·42	0·07	+0·35
Shikarpur	1·77	0·16	+1·61
Jacobabad	1·17	0·12	+1·05

There was also a slight excess in the hill districts of the North-Western Provinces and in the Saharanpur, Muzaffarnagar, Bijnor and Meerut districts, but over the remainder of the North-Western Provinces and Oudh the rainfall was even smaller than usual and barely averaged a tenth of an inch over the greater part of the province.

Assam, the Central Provinces and Berar, received somewhat larger amounts on the whole than usual, but the average total rainfall was less than an inch in these areas.

The rainfall of Bengal and Burma was practically *Nil*, The following table gives rainfall data for the month of December:—

METEOROLOGICAL DISTRICT.	Normal average rainfall, December.	Actual average rainfall, December 1890.	Excess or defect.	Excess or defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Western Himalayas	1·15	2·80	+1·65	+143
Punjab Plains	0·55	1·71	+1·16	+211
North-Western Provinces and Oudh	0·30	0·26	—0·04	— 13
Rajputana	0·16	0·33	+0·17	+106
Central India States	0·41	0·28	—0·13	— 32
Bihar	0·13	0·01	—0·12	— 92
Western Bengal and Chota Nagpur	0·29	0·08	—0·21	— 72
Lower Bengal	0·19	0·05	—0·14	— 74
Eastern Himalayas	0·23	0·10	—0·13	— 56
Assam and Eastern Bengal	0·41	0·79	+0·38	+ 93
Orissa and Northern Circars	0·57	0·45	—0·12	— 21
Central Provinces, South	0·39	0·80	+0·41	+105
Berar and Khandeish	0·66	1·08	+0·42	+ 64
Guzerat	0·06	0·08	+0·02	+ 33
Sind and Cutch	0·10	0·87	+0·77	+770
North Deccan	0·41	1·14	+0·73	+178
Konkan and Ghâts	0·18	0·40	+0·22	+122
Malabar and Ghâts	0·96	0·80	—0·16	— 17
Hyderabad	0·52	0·91	+0·39	+ 75
Ceded Districts and Mysore	0·56	0·61	+0·05	+ 9
Carnatic	3·44	0·75	—2·69	— 78
Nilgiris	4·42	3·70	—0·72	— 16
Ceylon	8·81	6·16	—2·65	— 30
Arakan	0·47	0·20	—0·27	— 57
Pegu	0·21	0	—0·21	—100
Tenasserim	0·10	0·08	—0·02	— 20
Upper Burma	0·10	0	—0·10	—100
Bay Islands	5·69	0·27	—5·42	— 95

The following tables give a brief summary of the rainfall of the year. In the first table the summary is drawn up in the same form as in previous years. The second table gives the average actual rainfall for the four periods into which the year may be divided, of each of the 28 meteorological divisions of the empire, and the normal averages for comparison. The four periods are as follows:—

1st.—From January 1st to February 28th, which forms the period of the cold weather rains of Upper India.

2nd.—From March 1st to May 31st, which includes the hot season, when rain occurs mainly in the coast districts and in Assam during thunderstorms.

3rd.—From June 1st to October 31st, which forms the period of the south-west monsoon rains proper.

4th.—From November 1st to December 31st, which includes the period of the so-called north-east monsoon rains, or, more properly, the retreating south-west monsoon rains of Southern India,—more especially of the Coromandel coast districts.

TABLE XXXIII.—*Geographical Summary of Rainfall Anomalies in 1890.*

METEOROLOGICAL DISTRICT.	Area, square miles.	Number of stations.	Normal rainfall.	Actual rainfall, 1890.	Mean excess or defect.	Total excess, square miles, × 1 inch.	Total defect, square miles, × 1 inch.
			Inches.	Inches.	Inches.		
I. Punjab Plains . . .	120,000	29	21·52	23·74	+ 2·22	266,400	...
II. N.-W. Provinces and Oudh .	83,500	45	37·49	45·19	+ 7·70	64,295	...
III. Rajputana	67,000	19	28·42	25·59	— 2·83	...	189,610
IV. Central India States . .	91,600	20	42·01	41·67	— 0·34	...	30,940
V. Bihar	30,000	15	45·01	57·76	+12·75	382,500	...
VI. Western Bengal . . .	38,000	10	49·39	50·25	+ 0·86	32,680	...
VII. Lower Bengal . . .	54,000	28	66·64	70·68	+ 4·04	218,160	...
VIII. Assam and Cachar . .	61,000	16	106·42	107·73	+ 1·31	79,910	...
IX. Orissa and Northern Circars .	27,000	16	48·00	52·07	+ 4·07	109,890	...
X. Central Provinces, South .	61,000	18	51·38	52·08	+ 0·70	42,700	...
XI. Berar and Khandeish . .	43,000	13	35·96	36·73	+ 0·77	33,110	...
XII. Guzerat	54,500	12	33·03	26·75	— 6·28	...	342,260
XIII. Sind and Cutch . . .	68,000	10	8·49	9·53	+ 1·04	70,720	...
XIV. North Deccan . . .	48,000	13	30·54	31·88	+ 1·34	64,320	...
XV. Konkan and Ghâts . .	16,000	12	148·32	169·65	+21·33	341,280	...
XVI. Malabar and Ghâts . .	18,000	8	113·89	96·51	—17·38	...	312,840
XVII. Hyderabad	74,000	17	32·54	34·19	+ 1·65	122,100	...
XVIII. Mysore and Bellary . .	58,000	18	29·52	30·38	+ 0 86	49,880	...
XIX. Carnatic	72,000	38	36·06	32·33	— 3·73	...	268,560
Sums . .	1,084,000	...	...	...	...	1,877,945	1,144,210
XX. Arakan	11,000	7	148·04	134·04	—14·00	...	154,000
XXI. Pegu	32,500	7	71·95	71·98	+ 0·03	975	...
XXII. Tenasserim	10,500	4	172·38	166 78	— 5·60	...	58,800
XXIII Upper Burma . . .	?	13	38·73	33·39	— 5·34	...	...

On the mean of the whole area represented in the above table there was an excess of 0·46 inch, or, excluding the Burmese Peninsula, 0·68 inch.

TABLE XXXV.—*Geographical Summary of the distribution of rainfall in 1890, according to seasons.*

Meteorological District.	January and February.			March to May.			June to October.			November and December.		
	Normal average.	Actual average, 1890.	Difference.	Normal average.	Actual average, 1890.	Difference.	Normal average.	Actual average, 1890.	Difference.	Normal average.	Actual average, 1890.	Difference.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
North-West Himalayas	6·17	2·63	—3·54	7·61	6·53	—1·08	40·53	51·33	+10·80	1·75	3·41	+1·66
Punjab Plains	2·08	0·60	—1·48	2·54	2·07	—0·47	16·13	18·58	+2·45	0·77	2·47	+1·70
N.-W. Provinces and Oudh	1·41	0·26	—1·15	1·42	0·90	—0·52	35·25	45·21	+9·96	0·38	0·26	—0·12
Rajputana	0·46	0·01	—0·45	0·74	0·32	—0·42	21·51	19·15	—2·36	0·22	0·35	+0·13
Central India States	0·91	0·02	—0·89	0·78	0·85	+0·07	41·88	44·99	+3·11	0·67	0·34	—0·33
Bihar	1·17	0·08	—1·09	2·54	2·59	+0·05	40·47	54·28	+13·81	0·31	0·01	—0·30
Western Bengal and Chota Nagpur.	1·28	0·01	—1·27	3·48	3·39	—0·09	46·49	50·69	+4·20	0·72	0·16	—0·56
Lower Bengal	1·41	0·68	—0·73	10·40	9·04	—1·36	53·63	60·34	+6·71	0·71	0·23	—0·48
Eastern Himalayas	1·56	0·57	—0·99	18·12	13·44	—4·68	111·11	146·07	+34·96	0·46	0·17	—0·29
Assam and Eastern Bengal	1·92	1·23	—0·69	26·16	22·59	—3·57	87·78	95·37	+7·59	1·28	1·05	—0·23
Orissa and Northern Circars	0·68	0·03	—0·65	4·36	4·67	+0·31	43·73	48·51	+4·78	2·86	2·90	+0·04
Central Provinces, South	0·82	0·01	—0·81	1·80	0·90	—0·90	48·34	48·67	+0·33	0·93	2·96	+2·03
Berar and Khandeish	0·47	0	—0·47	0·99	0·68	—0·31	35·29	35·03	—0·26	1·37	3·20	+1·83
Guzerat	0·20	0	—0·20	0·41	0·10	—0·31	31·21	26·06	—5·15	0·31	0·08	—0·23
Sind and Cutch	0·50	0·01	—0·49	0·50	0·16	—0·34	7·88	6·40	—1·48	0·22	2·83	+2·61
North Deccan	0·20	0	—0·20	3·13	2·47	—0·66	25·53	23·67	—1·86	1·69	5·75	+4·06
Konkan and Ghâts	0·28	0	—0·28	1·65	2·79	+1·14	140·16	157·62	+17·46	1·12	2·10	+0·98
Malabar and Ghâts	0·51	0·28	—0·23	11·09	12·07	+0·98	98·08	81·12	—16·96	4·22	3·03	—1·19
Hyderabad	0·16	0	—0·16	1·91	1·29	—0·62	29·03	30·77	+1·74	1·74	3·08	+1·34
Ceded Districts and Mysore	0·25	0·03	—0·22	4·65	5·83	+1·18	21·51	19·30	—2·21	2·80	4·61	+1·81
Carnatic	0·98	0·71	—0·27	4·15	3·64	—0·51	20·89	22·70	+1·81	10·76	5·80	—4·96
Nilgiris	1·42	5·91	+4·49	9·28	9·20	—0·08	25·42	25·04	—0·38	12·52	9·59	—2·93
Ceylon	6·05	5·80	—0·25	15·77	15·80	+0·03	28·62	20·02	—8·60	20·08	14·86	—5·22
Arakan	1·01	0·30	—0·71	15·09	13·43	—1·66	128·90	118·41	—10·49	3·08	1·89	—1·19
Pegu	0·24	0·83	+0·59	7·96	10·04	+2·08	66·50	62·88	—3·62	3·11	0·96	—2·15
Tenasserim	0·93	4·38	+3·45	20·91	31·88	+10·97	148·10	129·97	—18·13	2·35	0·57	—1·78
Upper Burma	0·40	0·07	—0·33	5·49	8·03	+2·54	30·85	23·08	—7·77	1·29	0·99	—0·30
Bay Islands	2·19	7·42	+5·23	18·59	23·23	+4·64	81·25	71·39	—9·86	14·64	8·81	—5·83
Mean	1·27	1·14	—0·13	7·20	7·43	+0·23	53·79	54·88	+1·09	3·30	2·95	—0·35

The distribution of rainfall in India month by month during the year 1890 has been fully described in the preceding paragraphs.

It remains to call attention briefly to the more important features and irregularities in the distribution.

(1). The cold weather rainfall (*i. e.* the rainfall of January and February) was unusually small in amount and the weather abnormally dry over the whole of India. Central India, Rajputana, Bihar, West Bengal, the Central Provinces, the Deccan and Mysore received average total amounts of less than a tenth of an inch and less than 10 per cent. of their normal amounts. The following table shows the amount of the deficiency in North-Western India, where the cold weather precipitation is usually largest in amount:—

District.	January and February.			Percentage ratio of actual to normal.
	Normal average.	Actual average, 1890.	Difference.	
	Inches.	Inches.	Inches.	
North-West Himalayas	6·17	2·63	—3·54	43
Eastern Himalayas	1·56	0·57	—0·99	37
Punjab Plains	2·08	0·60	—1·48	29
North-Western Provinces and Oudh	1·41	0·26	—1·15	19
Rajputana	0·46	0·01	—0·45	2
Sind and Cutch	0·50	0·01	—0·49	2

This abnormal deficiency in Northern and Central India accompanied unusually heavy and unseasonable rain in Lower Burma, Tenasserim and the south-east of the Bay. This excessive and untimely rain occurred in January, and did much damage to the rice crops in some parts of Lower Burma and Tenasserim. The following gives comparative data of the rainfall of this period in that area:—

District.	January and February.			Percentage ratio of actual to, normal.
	Normal average.	Actual average, 1890.	Difference.	
	Inches.	Inches.	Inches.	
Bay Islands	2·19	7·42	+5·23	339
Tenasserim	0·93	4·38	+3·45	471
Pegu	0·24	0·83	+0·59	346

This excessive rainfall did not extend into Central or Upper Burma and Arakan, and was apparently restricted to the Andamans and the Burma coast districts.

So far as can be judged from the available data, the precipitation was, relatively to the normal, in defect to a smaller extent at the more elevated stations in the Himalayas than at the lower stations. The following gives the data on which this conclusion is based :—

Station.	Height above sea-level in feet.	January and February.			Percentage ratio of actual to normal.
		Normal average.	Actual average, 1890.	Difference.	
		Inches.	Inches.	Inches.	
Quetta	5,502·26	3·33	1·29	−2·04	39
Murree	6,343·86	7·06	2·57	−4·49	36
Simla	7,274·2	5·86	2·46	−3·40	42
Chakrata	7,051·58	5·21	2·24	−2·97	43
Ranikhet	6,068·75	4·14	1·85	−2·29	45
Darjeeling	7,421·1	1·88	0·41	−1·47	22
Kailang	10,087	6·16	3·18	−2·98	52
Kilba	8,500 (approx.)	12·09	7·41	−4·68	61

(2). The rainfall of the hot weather season, which is almost entirely due to local hot weather storms, and occurs chiefly during thunder-storms, was in 1890 marked by abnormal features similar to those of the rainfall of the preceding cold weather period. The rainfall of this period was in slight to moderate defect over Northern India (with the exception of Bihar and Orissa, where it was normal in amount).

The following gives comparative data for Northern India :—

District.	March to May.			Percentage ratio of actual to normal.
	Normal average.	Actual average, 1890.	Difference.	
	Inches.	Inches.	Inches.	
Punjab Plains	2·54	2·07	−0·47	82
North-Western Provinces and Oudh	1·42	0·90	−0·52	63
Rajputana	0·74	0·32	−0·42	43
Lower Bengal	10·40	9·04	−1·36	87
Assam and East Bengal	26·16	22·59	−3·57	86

The rainfall of this period was in slight excess in Malabar, the Konkan and Mysore, due to the south-west monsoon commencing slightly earlier than usual on the West Coast, but the excess was small and of little importance.

Burma, Tenasserim and the Bay Islands also received a large amount of rain during this period, due to the unusually early advance of south-west monsoon winds which accompanied and followed a cyclonic storm in the second week of the month.

The excess in these two areas (*viz.* Burma and the West Coast districts) was hence due to abnormally early south-west monsoon rain in the month of May, and should be reckoned rather as a feature of the south-west monsoon rains than of the hot weather proper.

(3). The south-west monsoon rains of 1890 were unusually abundant over by far the greater part of India. The only areas in which they were more than 15 per cent. in defect were Upper Burma, Guzerat and Sind.

The rains set in on the following dates in different parts of India:—

DISTRICT.	Approximate date of commencement of south-west monsoon rains, 1890.
Malabar	28th May.
Konkan	1st June.
Central Provinces	14th to 16th June.
Central India	16th June.
Rajputana	16th June.
Lower Burma and Tenasserim	7th May.
Bengal	Feebly on 7th, but fully on 19th June.
Bihar	20th June.
North-Western Provinces	18th to 20th June.
East Punjab	23rd June.

The following gives comparative data of the rainfall of the south-west monsoon period in the districts in which it was more abundant than usual:—

DISTRICT.	JUNE TO OCTOBER.			Percentage ratio of actual to normal.
	Normal average.	Actual average.	Difference.	
	Inches.	Inches.	Inches.	
Orissa	43·73	48·51	+ 4·78	111
Assam and Eastern Bengal	87·78	95·37	+ 7·59	109
Lower Bengal	53·63	60·34	+ 6·71	113
Behar	40·47	54·28	+13·81	134
North-Western Provinces and Oudh	35·25	45·21	+ 9·96	128
Punjab	16·13	18·58	+ 2·45	115
Central Provinces	48·34	48·67	+ 0·33	100
Hyderabad	29·03	30·77	+ 1·74	106
Konkan	140·16	157·62	+17·46	112

The table shows that over the whole of Northern and Central India and the North Deccan the rainfall due to the south-west monsoon proper was more abundant than usual. The excess was more than 20 per cent. in the North-Western Provinces and Bihar. The increase in that area was in part due to steadier and more frequent rainfall than usual. and in part to the tendency of the feeble depressions and cyclonic storms of the period to pass into that area as their goal. It formed in fact a kind of sink throughout this period for these depressions.

The following table gives data showing that this relative distribution of rainfall was persistent throughout nearly the whole period of the rains proper:—

District.	Variation of Rainfall from the Normal in			
	June 1890.	July 1890.	August 1890.	September 1890.
	Inches.	Inches.	Inches.	Inches.
Orissa	+ 2·51	+0·15	+0·11	+1·37
Assam and Eastern Bengal	+ 6·77	+2·37	+2·52	−5·27
Lower Bengal	+ 2·79	+1·31	−1·34	+0·08
Bihar	+4·44	+7·73	+3·35	−0·78
North-Western Provinces and Oudh	+ 5·44	+5·45	−0·85	+0·94
Punjab	+ 0·65	+1·75	+1·84	−1·68
Central Provinces	− 1·13	+1·55	−0·44	+2·03
Hyderabad	+ 2·22	+0·71	−0·52	+1·02
Konkan	+6·66	+13·82	+5·88	−6·44

The following table gives the data in a somewhat different form, *viz.* as a percentage ratio of the actual to the average:—

District.	Percentage Variation of the Actual from the Normal Rainfall in			
	June 1890.	July 1890.	August 1890.	September 1890.
Orissa	+ 33	+10	+ 1	+16
Assam and Eastern Bengal	+ 28	+10	+13	−35
Lower Bengal	+ 22	+10	−11	0
Bihar	+ 66	+65	+31	−10
North-Western Provinces and Oudh	+110	+45	− 8	+14
Punjab	+ 33	+28	+35	−73
Central Provinces	− 13	+ 9	− 3	+24
Hyderabad	+ 43	+10	− 7	+15
Konkan	+ 20	+27	+18	−37

As very frequently happens when the rainfall of the south-west monsoon is in general excess in Northern and Central India, it was more or less in defect in Burma and Southern India. The following gives data:—

District.	Variation of the Rainfall from the Normal in			
	June 1890.	July 1890.	August 1890.	September 1890.
	Inches.	Inches.	Inches.	Inches.
Mysore	−0·58	−0·44	−0·06	−0·22
Malabar	−4·73	−0·50	−4·61	−4·45
Ceylon	−2·60	−1·40	−1·04	−1·13
Arakan	−6·37	+9·16	−6·27	−4·28
Pegu	−2·34	+1·68	−1·55	−2·54
Tenasserim	−2·07	−3·51	−9·98	−0·03
Upper Burma	−2·49	−2·32	−2·32	−1·38

The following table gives the percentage ratio of the average actual rainfall to the normal in these districts month by month:—

District.	Percentage Ratio of the Actual to the Normal Rainfall in			
	June 1890.	July 1890.	August 1890.	September 1890.
Mysore	—19	—12	— 1	— 4
Malabar	—15	— 2	—27	—49
Ceylon	—45	—34	—25	—23
Arakan	—19	+24	—20	—24
Pegu	—16	+10	—10	—21
Tenasserim	— 6	— 9	—27	0
Upper Burma	—41	—39	—33	—17

The only area in Northern India in which the rainfall was below the normal to a considerable extent included Guzerat, Sind and Cutch. The following tables give the actual and the percentage variations of the rainfall month by month from June to September:—

District.	Variation of the Mean Actual from the Mean Normal Rainfall in			
	June 1890.	July 1890.	August 1890.	September 1890.
	Inches.	Inches.	Inches.	Inches.
Guzerat	+2·18	—3·40	—0·77	—2·54
Sind and Cutch	—0·08	—0·52	+0·22	—0·92

District.	Percentage Variation of Mean Actual Rainfall from the Mean Normal Rainfall in			
	June 1890.	July 1890.	August 1890.	September 1890.
Guzerat	+49	—28	—9	—49
Sind and Cutch	—12	—16	+8	—92

The excess in Guzerat in the month of June was mainly the result of an excessive burst of rain on the 20th and 21st which visited a small portion of that area, and was apparently due to a small local stationary cyclonic storm.

The rainfall was hence, with this exception, fairly steadily in defect in these two areas during the whole monsoon period.

The chief features in the relative distribution of rainfall during the south-west monsoon were hence very persistent and strongly marked, and the variations from month to month were due mainly to changes in the general strength of the monsoon current.

The south-west monsoon rains terminated at the following dates in Northern and Central India:—

District.	Date of termination.
Konkan	10th October.
Central Prnvinces	30th September.
Rajputana	27th „
Punjab	27th „
North-Western Provinces	28th „
Bihar	17th October.
West and North Bengal	18th „
East Bengal	25th „
Burma	2nd November.

This table shows that the monsoon rains terminated about the normal date over Northern and Central India.

(4). The rainfall of the retreating south-west monsoon was marked by several features of importance :—

1st.—The rainfall of the month of October in the Madras Presidency was in slight excess in the northern districts and in defect in the southern districts. This was in part due to the path and character of the two cyclonic storms of the month, both of which passed by more or less curved paths into Bengal. The rainfall was largely in defect in the Deccan.

2nd.—The rainfall of November was more or less largely in excess in all except the South Coromandel districts. The rainfall was especially abundant and favourable in the Deccan. The peculiar distribution of the rainfall was in part due to the frequent occurrence of disturbed weather in the Arabian Sea off the Malabar and Konkan coasts, and the occasional influx of humid winds from that area.

3rd.—The rainfall of the month of December was exceptionally small over the whole of Southern India, and occurred as occasional light local showers, and not during a general influx of humid winds. This was due to the abnormally early retreat of the south-west monsoon winds and humid current from the south of the Bay in the last week of November.

The following table gives data showing the distribution of the rainfall during this period from October to December 1890 in Southern India :—

DISTRICT.	VARIATION OF THE AVERAGE ACTUAL RAINFALL FROM THE NORMAL IN			Variation of hole period.
	October 1890.	November 1890.	December 1890.	
	Inches.	Inches.	Inches.	Inches.
North Deccan	−0·61	+3·33	+0·73	+3·45
Malabar	−2·67	−1·03	−0·16	−3·86
Hyderabad	−1·69	+0·95	+0·39	−0·35
Mysore	−0·91	+1·76	+0·05	+0·90
Carnatic	+0·02	−2 27	−2·69	−4·94
Ceylon	−2·43	−2·57	−2·65	−7·65

The following gives similar data for representative stations in the South Madras coast districts, where the rainfall was most largely in defect :—

STATION.	VARIATION OF THE TOTAL RAINFALL OF THE MONTH FROM THE NORMAL IN			Variation of whole period.
	October 1890.	November 1890.	December 1890.	
	Inches.	Inches.	Inches.	Inches.
Madura	+2·34	−0·72	−2·14	−0·52
Negapatam	+2·80	+0·62	−9·36	−5·94
Tanjore	+1·69	+0·60	−3·96	−1·67

STATION.	VARIATION OF THE TOTAL RAINFALL OF THE MONTH FROM THE NORMAL IN			Variation of whole period.
	October 1890.	November 1890.	December 1890.	
	Inches.	Inches.	Inches.	Inches.
Cuddalore	−0·85	−8·69	−4·66	−14·20
Madras	−6·66	−8·88	−4·80	−20·34
Nellore	−8·63	−8·48	−1·87	−18·98

During the same period (and more especially during the latter portion of it) rainfall was much above the normal in Upper India. The following gives data for the two months of November and December:—

DISTRICT.	VARIATION OF THE TOTAL RAINFALL OF THE MONTH FROM THE NORMAL IN		Variation of whole period.
	November 1890.	December 1890.	
	Inches.	Inches.	Inches.
North-West Himalayas	+0·01	+1·65	+1·66
Punjab	+0·54	+1·16	+1·70
Sind and Cutch	+1·84	+0·77	+2·61

The average rainfall of these two months in the Punjab, Sind and Cutch is less than an inch. The data hence show clearly the unusually large rainfall of this period. It was due to the abnormally early commencement of the cold weather rains in Upper India and their abnormal abundance.

List of the more important cyclonic storms of the south-west monsoon period, the tracks of which are given in Plate V.

The following statement gives a brief account of the tracks of the more important storms during the south-west monsoon of 1890, drawn up in the same form as in previous years. The tracks are charted in Plate V:—

No.	Year.	Month.	Date.	Character of storm.	Details of storm.
1	1890	May	5th to 8th	Severe cyclonic storm or moderate cyclone.	This storm was generated in the neighbourhood of the Andamans, on the 3rd and 4th, during an early advance of humid south-west winds. The centre was in about Lat. 12° N. and Long. 94° E. on the morning of the 5th and was advancing northwards with a slight westing. During the next 48 hours the storm rapidly developed and began to recurve slowly to east. The centre was a little to the west of Diamond Island at 8 A.M. of the 7th, when the storm was of small extent, but of considerable intensity. The barometric depression at the centre probably exceeded three quarters of an inch. It recurved towards east and crossed the coast to the south of Sandoway and passed over the Arakan hills during the night of the 7th. The centre was near Thayetmyo at 8 A.M. of the 8th. The storm filled up rapidly during the day. It determined heavy rain to Burma from the 7th to the 12th, and gave very stormy weather for some days to the east of the Bay. The strongest reported winds were of force 10.
2	1890	June	2nd to 6th	Cyclone	This storm formed in front of the advancing south-west monsoon current in the Arabian Sea off the Bombay coast. It probably commenced to form on the 30th of May. It developed rapidly during the next two days, and began to travel to north-west. The centre was in Lat. 19° N. and Long. 69° E. on the morning of the 2nd. It advanced in the same direction during the next 80 hours until the 5th, on the night of which it passed over Muscat and broke up during the next 24 hours in the entrance to the Persian Gulf. It gave very stormy weather to the centre and north of the Arabian Sea, as well as to the Persian Gulf. Several vessels experienced winds of force 10 and 11 in the storm area.

No.	Year.	Month.	Date.	Character of storm.	Details of storm.
3	1890	June	17th to 21st	Feeble cyclonic storm	This storm formed off the Orissa and Ganjam coasts on the 17th and 18th, and advanced towards the Orissa coast, which it crossed near False Point, on the early morning of the 19th. It advanced slowly through Orissa, Chota Nagpur, and the north-eastern districts of the Central Provinces on the 19th and 20th, and through the south-western districts of the North-West Provinces on the 21st, where it broke up during the next 24 hours.
4	,,	June and July.	29th June to 5th July.	Moderate cyclonic storm.	This storm was generated at the head of the Bay on the 28th and 29th June. It developed considerably on the 30th, and was a storm of considerable intensity on the morning of the 1st July. The centre at 8 A.M. of the 1st was in about Lat. 20° N. and Long. 88° E. It crossed the Orissa coast near Pooree on the afternoon of the 1st, and advanced very rapidly in a north-west by west course through the Central Provinces and Central India. The centre was near Sambalpur on the morning of the 2nd and to the south-east of Ajmere on the morning of the 3rd. It then recurved rapidly to north, and marched into the South-East Punjab. The centre was near Sirsa on the morning of the 4th. It then began to march a little to the east of north towards the hills, which it reached between Sialkote and Ludhiana on the morning of the 5th. It broke up rapidly during the day at the foot of the Punjab Himalayas. Winds of force 9 and 10 (hard gale with terrific rain squalls) were experienced by vessels in the storm area at the head of the Bay.
5	,,	July	18th to 24th	Feeble cyclonic storm.	This storm began to form on the 18th in the north-west angle of the Bay and South-West Bengal, and intensified on the 19th. The centre was near to Saugor Island on the morning of the 20th. It marched slowly to the north-west through Chota Nagpur into the eastern districts of the North-Western Provinces. The centre was in Lat. 24° N. and Long. 84° E. on the morning of the 22nd. It then began to re-curve to north and advanced to the foot of the hills during the next 48 hours, where it broke up during the evening and night of the 24th. Winds of force 4 to 6 were reported by vessels at the head of this Bay during this storm.
6	,,	September	22nd to 28th	Moderate cyclonic storm.	This storm began to form in the centre of the Bay on the 20th and 21st. It developed slightly during the next 48 hours and marched in a North-west course towards the Circars coast, which it crossed between Vizagapatam and Gopalpur on the night of the 23rd. It now advanced in a west north-west direction during the next 48 hours into the central districts of the Central Provinces, and was near Seoni at 8 A.M. of the 25th. It now re-curved rapidly through north and north-east to east-north-east, and the centre was near Jubbulpore at 8 A.M. of the 26th. During the next 24 hours it followed an east-north-east track, and was near Hazaribagh on the morning of the 27th. It was however of but slight intensity and broke up during the day. It gave a heavy burst of rain along its track.
7	,,	October	10th to 14th	Feeble cyclonic storm.	This storm originated between 12 and 16° N. Lat. and 84 and 88° E. Long. on the 9th and 10th. It was a diffused disturbance until the morning of the 11th, when it began to concentrate and to march in a northerly course. The centre was in Lat. 17° N. and Long. 85° E at 8 A.M. of the 12th and in Lat. 19° N. and Long. 85½° E. at the same hour of the 13th. It continued to march northwards and crossed the coast near Pooree on the afternoon of the 13th. It was now a storm of slight intensity and commencing to fill up. It however continued its northerly advance into South-West Bengal during the next 24 hours, and the centre was probably in the Midnapore district at 8 A.M. of the 14th. It broke up during the day. It gave a very heavy burst of rain to Orissa and South-West Bengal. Winds of force 6 and 7 were experienced by vessels in the storm area.
8		,,	20th to 24th	Feeble cyclonic storm.	This storm was generated in the centre of the Bay on the 19th and 20th. It travelled rapidly northwards during the next 48 hours to the Sunderbunds, and the centre lay near Faridpur at 8 A.M. of the 23rd. It continued to march in the same northerly course during the next 24 hours, but its influence on the weather was but slight. It filled up on the afternoon of the 24th. Winds of force 7 and 8 were reported by vessels passing though the storm area on the 21st and 22nd.

The preceding has given a brief statement of the cyclonic storms which formed in the Bay of Bengal or Arabian Sea during the south-west monsoon of 1890, and the tracks of which are given in Plate V. The tracks of three land-formed cyclonic storms are also laid down in the same chart. The following gives a brief statement of these three storms:—

No.	Year.	Month.	Date.	Character of storm.	Details of storm.
1	1890	June .	21st to 24th	Land-formed storm of moderate intensity.	This depression formed in the neighbourhood of Jessore during the 21st. It intensified during the next 24 hours, and on the morning of the 23rd it was a well-marked cyclonic storm, the centre of which at 8 A.M. was in South-West Bengal, nearly midway between Burdwan and Berhampore. The storm advanced during the next 24 hours through the Santhal parganas into North Bihar, and broke up at the foot of the hills in North Bihar on the 24th.
2	„	July .	10th to 16th	Land formed storm of feeble intensity.	This depression originated in Chota Nagpur on the 10th. It advanced slowly westwards, and the centre was to the south of Benares at 8 A.M. of the 11th. It drifted steadily westwards, and the centre was a little to the south of Allahabad at 8 A.M. of the 12th. The centre was to the south of Cawnpore on the morning of the 13th, and was near, and to the south of, Jhansi on the morning of the 14th. The storm filled up slowly in Central Rajputana during the next 48 hours, and finally disappeared on the evening of the 16th.
3	„	August .	12th to 16th	Land-formed storm of feeble intensity.	This depression originated in West Bengal, Bihar and Chota Nagpur on the 11th and 12th, and marched slowly westwards into Bundelkhand and the adjacent districts of the North-Western Provinces, where it broke up on the 15th and 16th. It determined moderate rain to the area of its birth, as well as to the districts through which it marched.

GENERAL SUMMARY.

The preceding pages have given in full detail the more important features of the meteorology of India in the year 1890. In the following remarks it is attempted to trace out some of the relations between the more important meteorological phenomena of the year.

A.—The chief features of the cold weather months of January and February 1890 were the following:—

1st.—Deficient pressure over the whole Indian area. This deficiency of pressure was not a peculiarity of these two months, as it commenced in October 1889 and continued until July 1890.

2nd.—Increased temperature in Northern or Extra Tropical India, which increased in amount with increase of elevation.

District or Hill Station.	Average Variation of Mean Temperature from Normal in		Mean variation of period.
	January 1890.	February 1890.	
Tropical India	−0°·2	+0°·6	+0°·2
Extra Tropical India	+2·0	+2·6	+2·3
North-Western Himalayas	+4·9	+4·4	+4·7
Sikkim	+2·7	+3·4	+3·1
Kailung	+6·6	+5·0	+5·8
Leh	+7·0	+5·6	+6·3
Quetta	+2·6	+2·4	+2·5

These data show that the increase of temperature ranged from an average of 2·3° at the level of the plains of Northern India to 6·3° at the elevation of Leh (11,000 feet).

3rd.—Winds were steadier than usual in Northern India, and the westerly element was very strongly marked in West and Central Bengal.

4th.—Abnormal dryness of the air. The following gives data in illustration :—

District.	Average Variation of Aqueous Vapour Pressure from the Normal in		Average Variation of Humidity from the Normal in	
	January 1890.	February 1890.	January 1890.	February 1890.
	"	"	%	%
Tropical India	—·030	+·001	— 4	— 2
Extra Tropical India	—·006	—·017	— 4	— 7
North-West Himalaya	—·007	—·005	—10	— 9
Sikkim	+·026	+·021	+ 4	— 1
Kailang	—·004	+·007	—10	— 1
Leh	+·019	+·022	+ 1	+ 4
Quetta	—·033	—·028	—16	—16

The abnormal dryness was hence greatest and most marked in Beluchistan and not in the area of greatest increase of temperature in the higher Punjab Himalayas.

5th.—The cloud amount was below the normal to a moderate extent:—

District.	Mean actual cloud amount, January and February 1890.	Mean normal cloud amount, January and February.	Variation of actual from mean.
Tropical India	2·5	2·7	—0·2
Extra Tropical India	2·7	3·3	—0·6
North-West Himalaya	2·5	3·4	—0·9
Sikkim	5·2	4·9	+0·3
Kailang	5·7	6·5	—0·8
Leh	5·9	6·6	—0·7
Quetta	3·5	4·2	—0·7

6th.—The rainfall of the period was very largely in defect in Northern India, and the snowfall in the Himalayas considerably below its normal amount :—

	District.	Mean actual precipitation of January and February 1890.	Mean normal precipitation of January and February.	Variation of actual from normal.	Percentage ratio of actual to normal.
		Inches.	Inches.	Inches.	
Hills	North-West Himalaya	2·63	6·17	—3·54	43
	Sikkim	0·57	1·56	—0·99	37
Plains	Punjab	0·60	2·08	—1·48	29
	North-Western Provinces	0·26	1·41	—1·15	19
	Bihar	0·08	1·17	—1·09	7

The rainfall was largest, not only absolutely, but relatively to the normal, in the Punjab and adjacent hills. But even in these areas it was small in amount and much below the normal. In Rajputana, Central India, Bihar and West Bengal the rainfall of the period was practically *nil.*

The winter, 1890-91, was marked by excessive winter rains, whereas the present cold weather, 1891-92, was almost as dry as that of 1889-90. The following gives a comparison of the chief meteorological features of the cold weather months of these years with the normal for Extra-Tropical India :—

MONTH.	1889-1890.					
	VARIATION OF					
	Mean pressure from normal.	Mean temperature from normal.	Mean aqueous vapour from normal.	Mean relative humidity from normal.	Mean cloud proportion from normal.	Total rainfall from normal.
	"	°	"	%		"
November	—·041	+0·6	+·006	—1	+0·1	+0·45
December	—·017	+1·6	—·007	—3	—0·2	—0·33
January	—·041	+2·0	—·006	—4	—0·6	—0·42
February	+·002	+2·6	—·017	—7	—0·5	—0·57
Whole period, November to February.	—·024	+1·7	—·006	—4	—0·3	—0·87

MONTH.	1890-1891.					
	VARIATION OF					
	Mean pressure from normal.	Mean temperature from normal.	Mean aqueous vapour from normal.	Mean relative humidity from normal.	Mean cloud proportion from normal.	Total rainfall from normal.
	"	°	"	%		"
November	+·025	—0·2	—·001	+1	+0·8	+0·22
December	—·014	+0·7	+·044	+7	+1·4	+0·27
January	+·005	+1·2	—·002	+1	—0·5	+0·38
February	+·030	—1·5	—·012	0	+0·2	+0·41
Whole period, November to February.	+·012	+0·1	+·007	+2	+0·5	+1·28

MONTH.	1891-1892.					
	VARIATION OF					
	Mean pressure from normal.	Mean temperature from normal.	Mean aqueous vapour from normal.	Mean relative humidity from normal.	Mean cloud proportion from normal.	Total rainfall from normal.
	"	°	"	%		"
November	—·009	+1·1	+·009	0	—0·3	+0·38
December	+·045	+0·9	—·008	—3	+0·2	—0·29
January	+·007	+1·9	+·012	0	—0·2	—0·42
February	—·066	+2·7	+·013	—1	+0·1	....
Whole period, November to February.	—·006	+1·7	+·007	—1	—0·1	—·008

The preceding data show that in the two dry cold weather seasons of 1889-90 and 1891-92, the rainfall, cloud amount, amount of aqueous vapour and humidity were all in defect and temperature considerably in excess, whereas in the cold weather of 1890-91 characterized by excessive rain, the cloud amount, amount of aqueous vapour and humidity were on the average in excess and the mean temperature of the period about normal. It is, however, evident that the variations in these elements were strictly related together, and it is not possible to assign any one as the cause of the remaining variations. The pressure variations, although on the average negative for both of the dry seasons and positive for the damp season, vary so largely from month to month in each season as to make it almost certain that the pressure variations of the lower atmospheric strata are not directly related to the other variations, and in no way explain the marked differences between the two dry seasons of 1889-90, 1891-92 and the damp season of 1890-91.

These variations, it is hence evident, give no clue to the question why the winters of 1889-90 and of 1891-92 were so dry, whilst that of 1890-91 gave very heavy rain in Northern India. An examination of the pressure data also shows that there is apparently no peculiar feature in the distribution of pressure at the level of the plains which would serve as an explanation. The following data indicate one very characteristic feature of pressure which probably played an important part in determining the character of the cold weather rainfall of 1889-90:—

HILL STATION.		Average variation of pressure from normal in January and February 1890.	PLAIN STATION.	Average variation of pressure from normal in January and February 1890.	Relative excess of pressurs at Hill station.
		Inches.		Inches.	Inches.
BELUCHISTAN	Quetta	+·042	Jacobabad	—·022	+·064
NORTHERN INDIA	Leh	+·022	Lahore	—·033	+·055
	Kailang	+·037	Sialkot	—·034	+·071
	Murree	+·003	Rawalpindi and Peshawar	—·020	+·023
	Chakrata	0 (?)	Roorkee	—·037	+·037
	Ranikhet	—·011	Bareilly	—·034	+·023
	Darjeeling	—·010	Dhubri	—·052	+·042
SOUTHERN INDIA AND CEYLON.	Wellington	+·003	Coimbatore	—·016	+·019
	Newera Elya	+·031	Colombo	—·008	+·039

These figures show that pressure was relatively in large excess at the hill stations as compared with the neighbouring plains stations. The same feature was shown at the hill stations of Mount Abu and Pachmarhi. Hence there was a large accumulation of pressure in the higher strata, which was apparently not transmitted to the lower atmospheric strata. This feature was very persistent during the whole of this period.

The two following tables show that there was a similar excess of pressure in the dry season of 1891-92, whilst in the damp and rainy cold weather season of 1890-91, there was a very marked relative deficiency of pressure in the middle and higher atmospheric strata in Northern India :—

	Hill Station.	Average variation of pressure from normal in January and February 1891.	Plain Station.	Average variation of pressure from normal in January and February 1891.	Relative deficiency of pressure at hill station.
		"		"	"
Baluchistan .	Quetta	—·001	Jacobabad . . .	+·044	—·045
Northern India .	Leh	—·010	Lahore . . .	+·019	—·029
	Kailang . . .	+·008	Sialkot . . .	+·019	—·011
	Murree. . . .	—·012	Rawalpindi . . .	+·036	—·048
			Peshawar . . .	+·037	—·049
	Simla	—·033(?)	Ludhiana . . .	+·009	—·042
	Chakrata . . .	—·007	Roorkee . . .	+·027	—·034
	Ranikhet . . .	+·021	Bareilly . . .	+·019	+·002
	Darjeeling . . .	+·009	Dhubri. . . .	—·001	+·010
Southern India and Ceylon .	Wellington . . .	+·002	Coimbatore . . .	—·003	+·025
	Newera Elya. . .	+·063	Colombo . . .	+·025	+·038

	Hill Station.	Average variation of pressure from normal in January and February 1892.	Plain Station.	Average variation of pressure from normal in January and February 1892.	Relative deficiency of pressure at hill station.
		"		"	"
Baluchistan .	Quetta	+·036	Jacobabad . . .	—·037	+·073
Northern India .	Leh	+·054	Lahore . . .	—·026	+·080
	Kailang . . .	+·034	Sialkot	—·025	+·059
	Murree . . .	+·027	Rawalpindi and Peshawar	—·012	+·039
	Simla	—·010	Ludhiana . . .	—·032	+·022
	Ranikhet . . .	+·010	Bareilly . . .	—·038	+·048
	Darjeeling . . .	—·009	Dhubri. . . .	—·054	+·045
Southern India .	Wellington . . .	+·014	Coimbatore . . .	—·034	+·048

It may be noted that these features were in each case persistent and marked throughout the whole cold weather period. The experience of the three cold weathers of 1889-90, 1890-91 and 1891-92 indicates that a prominent, and probably very important, feature of dry cold weather is a relative excess of pressure in the higher strata as compared with the lower, and in rainy cold weather there is an equally marked relative deficiency of pressure in the upper strata.

One possible explanation of these differential variations of pressure in the vertical direction appears to be that they accompany changes of air motion in the various atmospheric strata. Increased pressure at the more elevated stations on this supposition probably indicates decreased motion in the middle and higher air strata and decreased pressure at the lower stations and increased motion in the lower strata. The result of this transfer would be to give a relative increase of pressure in the southern portion of the cyclonic circulation, *i.e.* in Southern India or adjacent sea-areas.

The preceding data have shown that the largest excess of pressure at the more elevated stations was exhibited at Leh and Quetta—stations immediately outside of the Indian area, and rather representative of Central Asia than of India. In the absence of meteorological data for Central Asia comparable with those of India, it is not possible to decide whether, and how far, the excess of pressure at Quetta and Leh represented a large excess over the elevated stations of Central Asia. It would however appear that in the meteorological changes which occur in Central Asia and Northern India at the termination of the south-west monsoon period, pressure increases in some years more rapidly than usual in Central Asia, and the higher atmospheric strata over Northern India, and this increased pressure is a more or less persistent feature of the following winter. In such years primary depressions or cold weather storms are somewhat less frequent than usual in Northern India, and they usually advance across Northern India by a more southerly track than usual. The most important consequence of this combination of conditions is that these primary depressions in such years or cold weather seasons as a rule do not give rise to secondary depressions in the Punjab. As the rainfall of the Upper India and the snowfall in the adjacent Himalayas is mainly due to the formation of these secondary depressions, the precipitation of such seasons is abnormally small in Upper India.

B.—The following gives a brief summary of the chief features of the hot weather months, March to May:—

1st.—Moderate general excess of temperature, greater in Extra-tropical than in Tropical India. This increase of temperature was most strongly exhibited in the Punjab. The following gives a brief summary of data in illustration:—

METEOROLOGICAL AREA.	AVERAGE VARIATION OF MEAN TEMPERATURE FROM NORMAL IN			Mean variation of period.
	March 1890.	April 1890.	May 1890.	
	°	°	°	°
Tropical India	+0·5	−0·2	+0·2	+0·2
Extra-tropical India	−0·2	+1·1	+1·1	+0·7
Punjab	−0·7	+2·0	+2·6	+1·3

Hence hot weather conditions were present to a slightly stronger extent than usual in this period, and more especially in Upper India.

2nd.—Pressure was, on the average of the whole of India, in defect during this period. The deficiency averaged ·047″ in March, ·003″ in April and ·020″ in May. The chief features of the variations of pressure were similar in character throughout this period, and were strongly marked in March and May. These features were:—

(*a*) Local deficiency in Northern India, more especially in North-Eastern India:

(*b*) Local excess of pressure in Western India, more especially in the Bombay Deccan, Khandeish, Guzerat and Kathiawar.

3rd.—The air was on the whole drier, and contained less aqueous vapour than usual. This feature was most strongly exhibited in the North-Western Provinces, Bihar and Chota Nagpur. The following gives data:—

Meteorological Area.	Variation of Mean Aqueous Vapour Pressure from Normal in			Variation of Mean Humidity from Normal in		
	March 1890.	April 1890.	May 1890.	March 1890.	April 1890.	May 1890.
	Inches.	Inches.	Inches.	Per cent.	Per cent.	Per cent.
Tropical India	+·025	+·011	—·014	0	+1	—1
Extra-Tropical India	—·012	+·011	—·007	—2	0	—2
North-Western Provinces	—·040	—·046	—·045	—4	—5	—5
Bihar	—·068	+·019	+·012	—8	0	+2
Chota Nagpur	—·011	—·036	—·037	0	—5	—2

4th.—There was somewhat more cloud than usual over nearly the whole of India. This was more especially the case in March and April. The following gives data in illustration:—

Meteorological Area.	Variation of Mean Cloud Amount from Normal in			Mean variation of period.
	March 1890.	April 1890.	May 1890.	
Tropical India	+0·5	+0·8	+0·2	+0·5
Extra-Tropical India	+0·6	+0·4	—0·5	+0·2

5th.—The rainfall of the period was in general defect. The deficiency relative to the normal was nowhere large in amount, but was so general as to indicate that the conditions of temperature and humidity were slightly less favourable to the condensation of aqueous vapour and the precipitation of rain than usual. Burma and the Bay Islands received considerably larger amounts than usual, but this was solely due to the early advance of the humid monsoon winds which accompanied and followed the cyclonic storm of the second week of the month that marched from the neighbourhood of the Andamans to Central Burma.

The preceding remarks hence show that the hot weather period was one of approximately normal conditions, but that the variations were such as would probably precede a somewhat stronger and steadier monsoon than usual. It was also apparently due to the fact that the hot weather was fairly normal in character, that it produced no large or important change in the pressure anomalies or variations from the normal distribution. It slightly emphasized the pre-existing pressure anomalies. The pressure anomalies of May were hence similar in general character to those of February and March, but were larger in amount.

C.—The meteorology of the south-west monsoon rains from June to 15th October was characterized by strongly marked features. The following were the more prominent and important:—

1st.—The rainfall of the period was in defect in the southern districts of the land area affected by the monsoon currents, more especially in Burma, Arakan, Malabar, Mysore and Ceylon. It was also below the normal of the period in a portion of North-Western India, including Sind, Cutch, Kathiawar, Guzerat and West Rajputana.

On the other hand, the rainfall was in excess over the whole of Northern India, the excess on the whole being greatest in the Lower Himalayas and adjacent plains districts. The excess was more than 25 per cent. in the Eastern Himalayas, Bihar, the North-West Himalayas and the North-Western Provinces. The humid currents were hence determined more largely to Northern India than usual, and the condensation and precipitation were most vigorous along the whole of the Himalayas and in the adjacent plains districts, more especially the central districts of the Indo-Gangetic plain, including Bihar and the North-Western Provinces.

2nd.—Temperature was more or less below the average over the whole of India. The following gives data:—

	METEOROLOGICAL AREA.	VARIATION OF MEAN TEMPERATURE FROM MORMAL IN				Mean Variation of whole period.
		June 1890.	July 1890.	August 1890.	September 1890.	
		°	°	°	°	°
Area of slightly deficient or normal rain.	Tropical India	−0·7	−0·9	−0·7	−0·7	−0·8
Area of largely increased rain	Extra-Tropical India	−0·2	−1·2	−1·2	−0·1	−0·7
Districts of most excessive rain, *i.e.* over 25 per cent. in excess.	Eastern Himalayas	−0·4	−0·6	−0·6	+0·3	−0·3
	North-West Himalayas	0	−0·9	−1·1	−0·8	−0·7
	Bihar	−1·8	−2·2	−1·7	−0·7	−1·6
	North-Western Provinces and Oudh.	−1·6	−2·5	−1·2	−0·7	−1·5

The following gives the percentage excess of rainfall, month by month, in the districts of greatest deficiency of temperature during the south-west monsoon period for comparison with the preceding table:—

METEOROLOGICAL AREA.	RAINFALL ECSS OR DEFECT EXPRESSED AS A PERCENTAGE IN			
	June 1890.	July 1890.	August 1890.	September 1890.
Eastern Himalayas	+ 21	+44	+32	+ 1
North-West Himalayas	+ 6	+49	+22	+ 8
Bihar	+ 66	+65	+31	−10
North-Western Provinces and Oudh	+110	+45	− 8	+14

3rd.—The monsoon currents were stronger and steadier than usual during the months of June, July and August. They were light and unsteady in September. Hence, as a further consequence, the number of severe cyclonic storms of the rains was unusually small. Numerous depressions originated throughout the period, but they were very feeble and of no importance, except as modifying to some extent the distribution of rainfall. This was especially the case in August.

4th.—The air on the whole contained somewhat larger amounts of vapour and was slightly more humid than usual over the whole of India, except some parts of Southern India and in the dry area in North-Western India. The following table gives data confirming the statement:—

METEOROLOGICAL AREA.	VARIATION OF MEAN HUMIDITY FROM NORMAL IN				Mean variation of whole period.
	June 1890.	July 1890.	August 1890.	September 1890.	
	%	%	%	%	
Tropical India	+1	0	−1	0	0
Extra-Tropical India	+3	+3	+2	−2	+2
Eastern Himalayas	+1	+2	+1	−2	+1
North-West Himalayas	+1	+2	+2	+1	+2
North-Western Provinces and Oudh	+6	+4	+1	−1	+3

5th.—The cloud amount was also in general excess, the increase being on the whole greatest in the areas in which the rainfall was most largely above the normal:—

METEOROLOGICAL AREA.	VARIATION OF MEAN CLOUD AMOUNT FROM NORMAL IN				Mean variation of whole period.
	June 1890.	July 1890.	August 1890.	September 1890.	
Tropical India	+0·7	+0·4	+0·3	+0·2	+0·4
Extra-Tropical India	+0·6	+0·7	+0·5	0	+0·5
Eastern Himalayas	+0·7	+0·9	+0·5	−0·3	+0·5
North-West Himalayas	0	+0·9	+0·7	−0·1	+0·4
Bihar	0	+0·8	+0·4	−0·6	+0·2
North-Western Provinces and Oudh	+0·5	+0·8	−0·5	−0·2	+0·2

The preceding data show that the temperature, humidity, and cloud conditions of the period were directly related to the distribution and amount of the rainfall.

The pressure anomalies explain the chief features in the air motion and rainfall distribution of the period. The pressure anomalies of the months of July and August were similar in character to those of May. Those of the month of June were small in amount, but generally opposite in character to those of May; but, as has been pointed out in previous reports, the effect of the gradual advance of the monsoon in June over India is usually to reverse the anomalies temporarily. The pressure anomalies of May, July, and August may hence be assumed to represent the permanent features of the pressure distribution which modified the extension and strength of the monsoon currents in India.

The chief features of this pressure distribution were as follows:—

1st.—General deficiency of pressure in the lower atmospheric strata. This had been a permanent feature for several months previously and accompanied abnormally deficient snowfall in the Himalayan area during the preceding winter.

2nd.—Local deficiency of pressure in Northern India. The area of greatest defect varied to some extent from month to month, but included on the average of the period the greater part of the Gangetic plain.

3rd.—Local excess of pressure in Western India. This excess was most marked in the area including Kathiawar, Guzerat, Khandeish and the North Bombay Deccan.

4th.—The most important result of these local variations of pressure was to displace the south-west monsoon trough of low pressure. Instead of running in a west-north-west direction from Orissa to Upper Sind, it ran in a north-west direction from North Orissa to the Central Punjab. The western portion of the trough was hence displaced northwards to a considerable extent.

The first condition generally precedes, and accompanies a strong and normal monsoon. Certain conditions also appear to be necessary in the sea area, but what these are can as yet only be conjectured, and have not been established by observation. These conditions were apparently present in May and June 1890, and the monsoon set in about the normal date on the Bombay and Bengal coasts, and extended more rapidly than usual to the Punjab.

The second and fourth conditions co-operated to give a stronger set of the monsoon current to the Gangetic plain than usual. The Bombay current advanced more directly from the west, and less from the south than usual. This withdrew its influence to a certain extent from Sind, Cutch, Kathiawar, Guzerat and West Rajputana. North-westerly dry winds were hence more prevalent than usual, and the rainfall was in defect throughout nearly the whole season.

The abnormal position of the trough of low pressure, more especially in its western half, exercised a very marked influence on the tracks of the cyclonic storms of the rains. They advanced along somewhat more northerly tracks than usual, and curved so as to pass into the Punjab or North-Western Provinces. Not a single storm crossed the whole breadth of the Peninsula during the period.

Hence the cyclonic rainfall given by these storms was distributed chiefly to Bihar, Orissa, Chota Nagpur, and the North-Western Provinces; and the Central Provinces shared in it to a much greater extent than usual.

A consideration of the following features undoubtedly serves to explain the broader features of the rainfall distribution of the south-west monsoon of 1890 in Northern and Central India, *viz.*—

1st.—A stronger and steadier monsoon than usual.

2nd.—A stronger and more easterly set of the Bombay current than usual across Central India and the Central Provinces to the low pressure area in the Gangetic plain.

3rd.—The drift of the cyclonic storms of the season along more northerly tracks than usual, and generally terminating in the North-Western Provinces.

The rainfall in Southern India and Burma is, after the south-west monsoon is fully established, complementary, rather than similar in character, to that of Northern India.

In Southern India more especially rain occurs chiefly during the periods known as breaks in the rains in Northern India, and hence tends to vary in an inverse manner to the rainfall in Northern India. The same is true, but to a much less marked extent in Burma. During the advance of the cyclonic storms of the rains, Burma and East Bengal frequently receive heavy rain during the earlier stages, but obtain little when the storms have advanced inland through Orissa or South-West Bengal. The rainfall in East and North Bengal, and to a less extent that of Burma, hence depends largely upon the place of origin of these storms, the rapidity of their motion, and their frequency, and hence undoubtedly tends to vary in an inverse manner to the rainfall in the Central Provinces, Central India and the North-Western Provinces.

The rainfall in Burma, Malabar, and Southern India generally in the south-west monsoon period of June to October 1890 is undoubtedly an example of the inverse relation that usually obtains between the rainfall in Northern India and that of Southern India and Burma in the monsoon period.

D.—The period of the retreating south-west monsoon (October to December 1890) was marked by the most striking and characteristic features of the year. The following gives a summary of these features :—

1st.—Pressure was locally in defect in Northern and North-Eastern India in the month of October. The deficiency was greatest in Orissa and the Circars. It was in excess in Western India, the excess being greatest in Guzerat and North Bombay. Hence, with the exception of the larger deficiency at the West coast of the Bay from False Point to Vizagapatam, the pressure anomalies were the same in general character as those of the preceding six months. The anomalies of November were everywhere small, but indicated the commencement of actions which gradually changed the anomalies and pressure variations. The chief features of the pressure anomalies of December were,—

(*a*) Relative deficiency of pressure in Northern India, the deficiency being most marked in the Himalayan area and submontane districts from Rawalpindi to Sibsagar:

(*b*) Relative excess of pressure in the Peninsula, the excess being greatest in the South Deccan, South Madras, Mysore and Malabar.

2nd.—The retreating south-west monsoon current withdrew from the Bay in the last week of November, that is, about three or four weeks earlier than usual. The current in October and November gave rainfall either normal in amount or in moderate excess to the Peninsula, but the early withdrawal at the end of November caused the rainfall of December in South Madras—more especially the South Coromandel districts—to be below the normal to a moderate or large extent. The most remarkable feature of this period was the remarkable absence of cyclonic storms. Two storms formed in the Bay in October, but in consequence of the peculiar features of the distribution of pressure at the time of their occurrence, they advanced northwards to the head of the Bay instead of westwards to the Madras coast.

3rd.—Weather was unusually stormy in the Afghan hills and Western Himalayas, and heavy snow began to fall in December. The north districts of the Punjab also received more frequent rain than usual, which fell during the periods of stormy weather in the adjacent hills; but over the remainder of Northern and Central India weather was less disturbed than usual.

4th.—Temperature varied very slightly from the normal in October and November, but was considerably in excess in December, except in the North-West Himalayas and, perhaps, in West Rajputana. The excess in December was most marked in Tropical India, more especially in the Central Provinces, Bihar, Orissa and the Bay Islands. The following gives data :—

METEOROLOGICAL AREA.	VARIATION OF MEAN TEMPERATURE FROM THE NORMAL IN		
	October 1890.	November 1890.	December 1890.
	°	°	°
Extra-Tropical India	—0·1	—0·2	+0·7
North-West Himalayas	—0·4	—0·3	—1·6
Tropical India	—0·4	0	+1·7
Central Provinces	+0·2	+1·0	+3·9
Bihar	—1·3	—1·5	+0·5
Orissa	—0·4	—0·4	+4·1
Bay Islands	—0·3	+0·4	+3·5

5th.—The humidity variations were very small in October and November, the air on the whole being very slightly drier than usual. The amount of aqueous vapour was largely in excess over nearly the whole of India in December. This increase was especially large in the Central Provinces and the Deccan. It was also large over the whole of Northern India. The following gives data in illustration :—

METEOROLOGICAL AREA.	VARIATION OF THE MEAN AQUEOUS VAPOUR PRESSURE FROM THE NORMAL IN			VARIATION OF THE MEAN HUMIDITY FROM THE NORMAL IN		
	October 1890.	November 1890.	December 1890.	October 1890.	November 1890.	December 1890.
	"	"	"	%	%	%
Extra-Tropical India	—·007	—·001	+·044	0	+1	+7
Tropical India	—·023	—·009	+·025	—2	—1	0
Central Provinces	—·047	+·023	+·124	—6	+1	+9
Deccan, Hyderabad and Mysore	—·002	+·057	+·085	0	+8	+9

6th.—The amount of cloud was below the normal in Tropical India throughout the whole period. It was normal in Extra-Tropical India in October, but was above the mean of the period to a moderate extent in November, and largely in excess in December. The excess was greatest in the North-West Himalayas, the Punjab, Sind, West Rajputana and the Central Provinces. The following table gives data :—

METEOROLOGICAL AREA.	VARIATION OF THE MEAN CLOUD AMOUNT FROM THE NORMAL IN		
	October 1890.	November 1890.	December 1890.
Tropical India	—0·3	—0·4	—0·2
Extra-Tropical India	0	+0·8	+1·4
Central Provinces	—1·0	+0·4	+2·2
Punjab	+0·1	+2·6	+3·2
West Rajputana	—0·4	+1·6	+1·8
Sind	—0·2	+1·2	+1·7
North-West Himalayas	+0·1	+1·8	+2·4

As cloud formation occurs in the higher atmospheric strata in the cold weather months, this excess of cloud undoubtedly indicates the presence of larger amounts of aqueous vapour in the higher strata or greater vertical or ascensional motion. The humidity data show that up to an elevation of 7,000 feet the amount of aqueous vapour in the air over Northern and Central India was very considerably in excess, and it is hence probable that this condition extended from the earth's surface up to a high elevation.

The most remarkable feature of this period was the early commencement of the cold weather rains in Upper India, which was undoubtedly related to the early conclusion of the retreating south-west monsoon rains in Southern India. The pressure relations between plains and hills were very remarkable, and opposite in character to those which obtained in January and February 1890, when the cold weather rains were very deficient. The following gives data for illustrating this feature of the meteorology of the months of November and December 1890 :—

	HILL STATION.	Variation of mean pressure of November 1890 from normal.	Neighbouring plains station.	Variation of mean pressure of November 1890 from normal.	Variation of total vertical gradient from normal at pairs of stations (Hills—Plains).
		″		″	″
NORTHERN INDIA	Quetta	—·003	Jacobabad	+·032	—·035
	Leh	+·017	Lahore	+·019	—·002
	Murree	+·024	Peshawar	+·050	—·026
	Simla	+·027	Ludhiana	+·023	+·004
	Ranikhet	+·024	Lucknow	+·023	+·001
	Darjeeling	+·008	Dhubri	+·039	—·031
SOUTHERN INDIA	Wellington	+·043	Cochin	+·031	+·012
	Newera Eliya	+·055	Colombo	+·035	+·020

	Hill Station.	Variation of mean pressure of December 1890 from normal.	Neighbouring plains station.	Variation of mean pressure of December 1890 from normal.	Variation of total vertical gradient from normal at pairs of stations. (Hills—Plains).
		″		″	″
Northern India	Quetta . . .	—·052	Jacobabad . .	+·014	—·066
	Leh	—·058	Lahore . . .	—·020	—·038
	Murree . . .	—·035	Peshawar. . .	—·002	—·033
	Simla	—·025	Ludhiana . . .	—·028	+·003
	Ranikhet . . .	+·002	Lucknow . . .	—·026	+·028
	Darjeeling . .	—·036	Dhubri . . .	—·020	—·016
Southern India	Wellington . . .	+·036	Cochin . . .	+·020	+·016
	Newera Eliya . .	+·051	Colombo . . .	+·018	+·033

The preceding data show—

1st.—That there was a considerable deficiency of pressure at the hill stations of Quetta and Murree in November, and that it increased in amount and extended to Leh in December.

2nd.—That there was a moderate excess of pressure at the hill stations of Southern India, as compared with the neighbouring low level stations in November and December, and that the excess was greater in December than in November.

The conditions were opposite in character to those which obtained during the preceding cold weather of deficient rainfall.

The relations of the variations of pressure in the vertical direction in the cold weather to this precipitation of rain and snow in Northern India have already been partially discussed. It is sufficient in this case to point out that if, as appears probable, the cold weather storms are essentially phenomena of a humid upper air current passing from the Equator northwards, these pressure conditions are such as would give a stronger upper current, larger supplies of vapour, and probably more frequent storms and heavier rainfall than usual.

The meteorology of the year 1890 has, it will thus be seen, confirmed the conclusions given in the preceding annual reports of the remarkable persistency of the chief features of each season throughout. This persistency is as strongly exhibited in the north-east monsoon period as in the south-west monsoon, or period of the rains. The cold weather of 1889-90 was marked throughout by abnormal dryness and deficiency of rain. On the other hand, the south-west monsoon period proper was characterized by steadier and more abundant rain than usual.

This remarkable persistency of the same general features through each of the large seasons in India necessarily implies that there must be equally persistent and general determining factors or causes. It would appear that these should be sought for in the variations of pressure in the higher as well as in the lower levels of the atmosphere from the normal, and the accompanying variations in the air motion over India. These variations in part determine the rainfall and are in part determined by it. The seasonal changes of temperature are undoubtedly of the utmost importance in explaining the general air motion over the Indian monsoon area, but the minor variations of each period (daily or monthly) appear to be chiefly determined by the occurrence and distribution of rainfall, and are hence mainly a result, and not an influential factor in explaining the stability and permanency of the chief features of each season in India (with very few exceptions).

The chief features of the south-west monsoon period, and more especially the distribution of rainfall, appear to be largely determined by variations in the pressure conditions of the lower atmosphere from the normal in India itself immediately before and during the advent of the monsoon. These pressure conditions are doubtless largely determined by the character of the preceding cold weather and of the snowfall in the Himalayan area, and partly by the character of the preceding hot weather.

On the other hand, the character of the cold weather rains appears to be dependent on other causes than the distribution of pressure in India at the level of the plains. Usually, in years of abundant cold weather rains pressure is considerably in defect at the higher Himalayan stations relatively to stations in Northern India, whereas in years of very deficient cold weather rainfall pressure is relatively largely in excess at these hill stations. These abnormal features are usually most prominent at Leh and Quetta. It is hence very probable that the character of the cold weather rainfall and snowfall in Northern India and the Himalayan area is mainly dependent upon conditions in the Central Asia elevated plateaux. The pressure conditions are undoubtedly communicated to the higher strata, but are obscured at the level of the plains by other causes. The extension of the work of observation in this direction which has been recently sanctioned by the Government of India will probably throw much light on this subject, and enable the general character of the cold weather rains to be judged with fair accuracy.

EXPLANATION OF THE PLATES.

PLATE I.—*Frontispiece.*—A Chart of India, showing the positions of the meteorological observatories and rain-gauge stations in 1890.

PLATES II to IV.—Charts showing the mean distribution of temperature and pressure, and the resultant wind directions in each month of 1890.

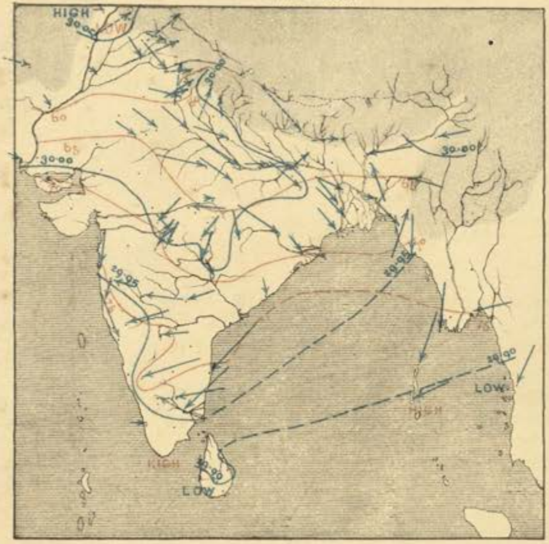
TEMPERATURE.—The data for the isotherms are given in Table IV of Appendix A. The isotherms (in red) represent increments of 5° Fahrenheit, and the figures, indicating their respective values, are placed on the side of the higher temperature.

PRESSURE.—The data for the isobars are given in Table VI of Appendix A. The isobars (in blue) are given for each twentieth of an inch, and their values are marked by the figures on the side of the higher pressure.

WIND DIRECTIONS.—These are the resultants computed by Lambert's formula from the observations, an equal value being assigned to each. Their values are given in Table XX of the Text. The arrows show the direction of the resultant, the point of the arrows indicating the station, and, by their respective lengths, the percentage of the observations, expressing the numerical value of the resultant in each case, five-eighths of an inch being equal to 100 per cent.

PLATE V.—Chart showing the tracks of the storms originating in the Bay of Bengal and the Arabian Sea in 1890.

JANUARY 1890.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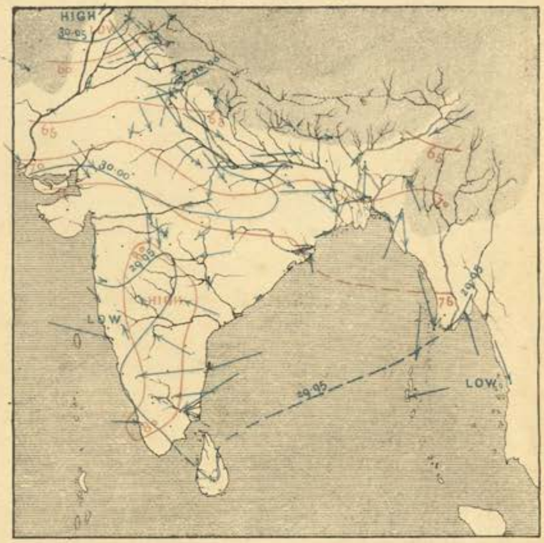
FEBRUARY 1890.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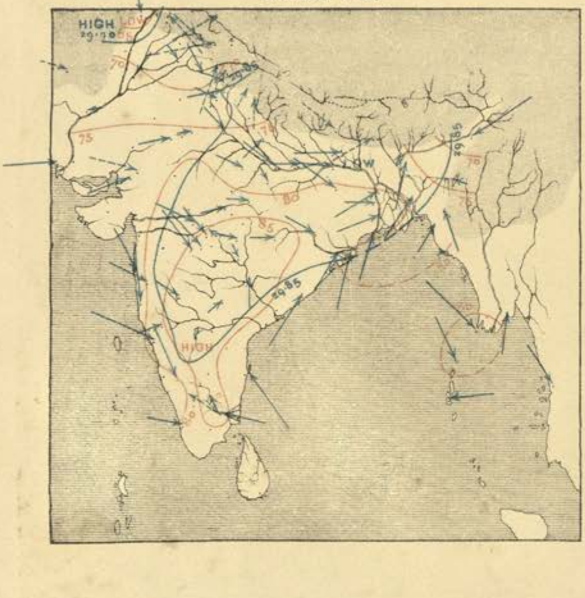
MARCH 1890.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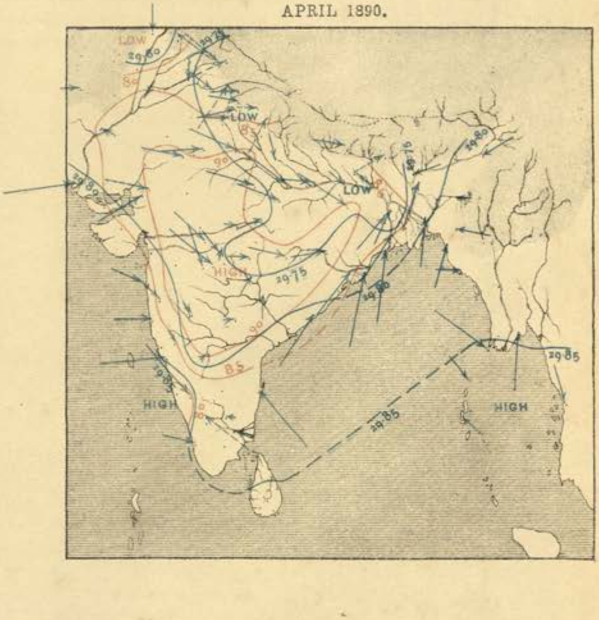
APRIL 1890.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29·75
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85
29·85
29·80
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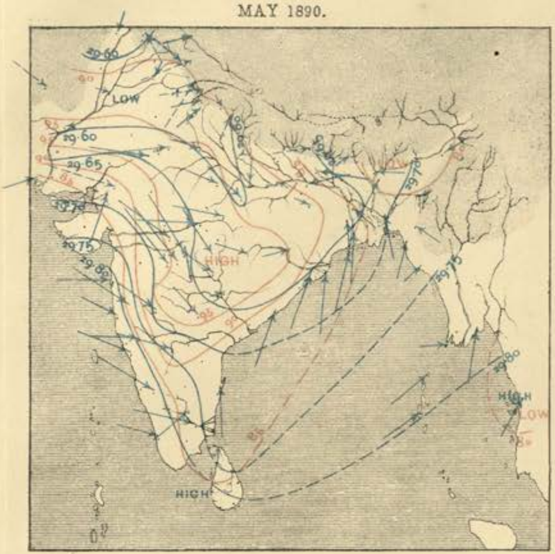
HIGH

Reg. No. 567, Wr. I.—Feb. 92.—415.

Litho. S. I. O., Calcutta.

MAY 1890.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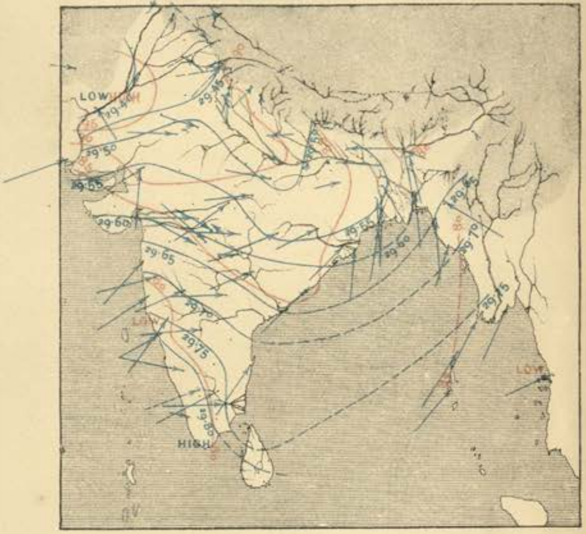
LOW
85
HIGH

JUNE 1890.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29·45
29·50
29·55
29·60
29·65
29·70
29·75
29·80
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29·55
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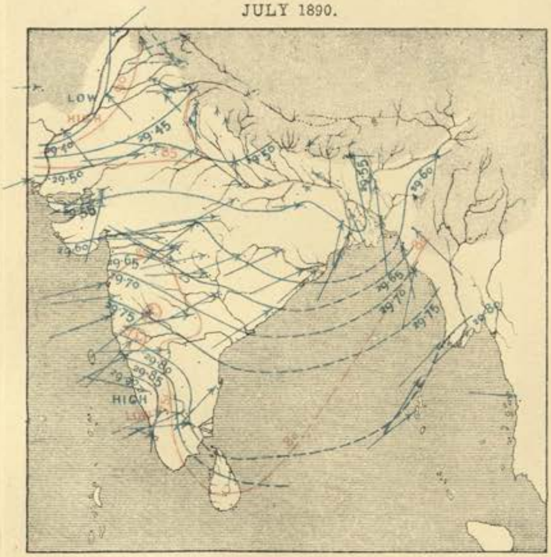
29·65
29·70
29·75
LOW
HIGH

JULY 1890.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29·80
29·85
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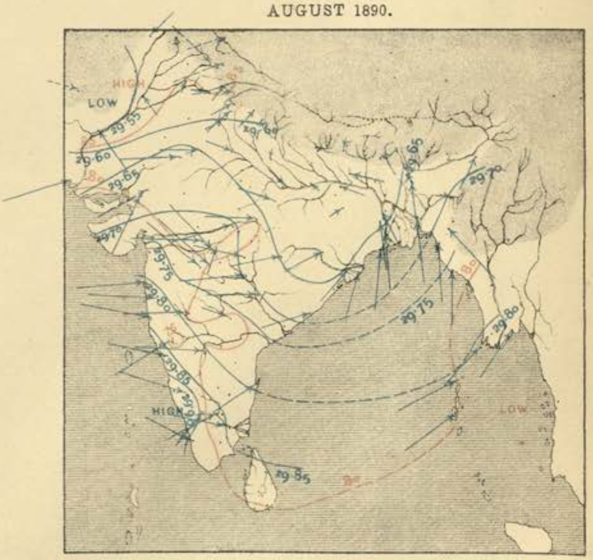
LOW
85

AUGUST 1890.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29·65
29·70
29·70
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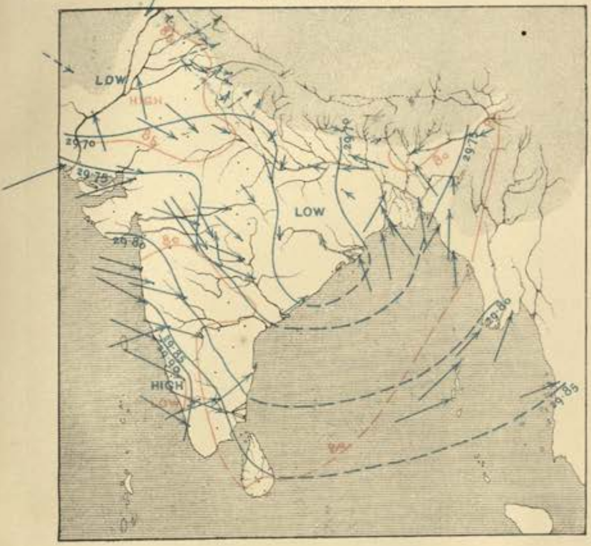
29·85
HIGH
LOW
29·85
85

Reg. No. 597, Wr. I.—Feb. 92.—415.

Litho. S. I. O., Calcutta.

SEPTEMBER 1890.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29·85
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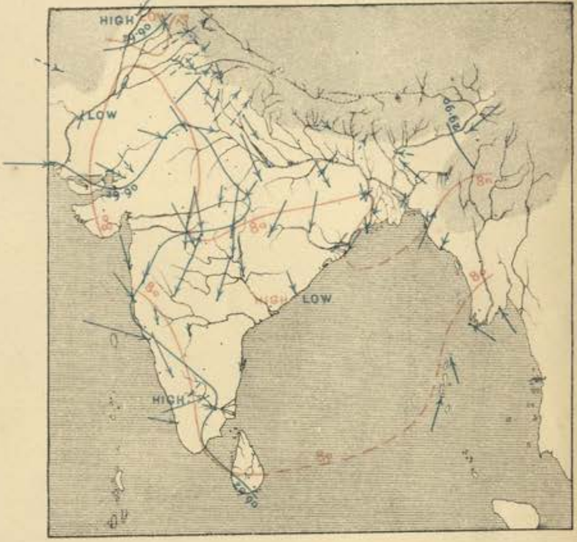
LOW
29·86
29·85
85

OCTOBER 1890.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LOW
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29·90
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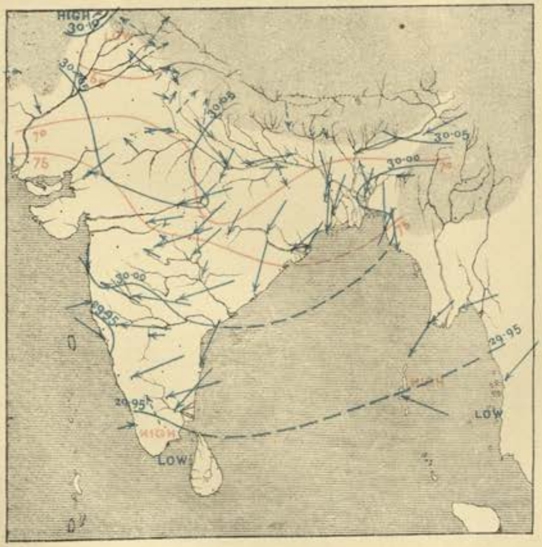
LOW
HIGH
80
29·90

NOVEMBER 1890.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29·95
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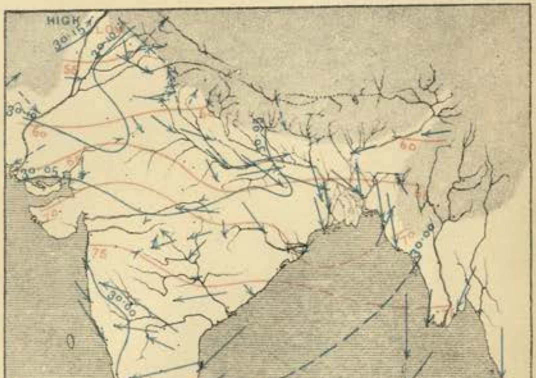
LOW
HIGH
LOW

DECEMBER 1890.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75
30·00
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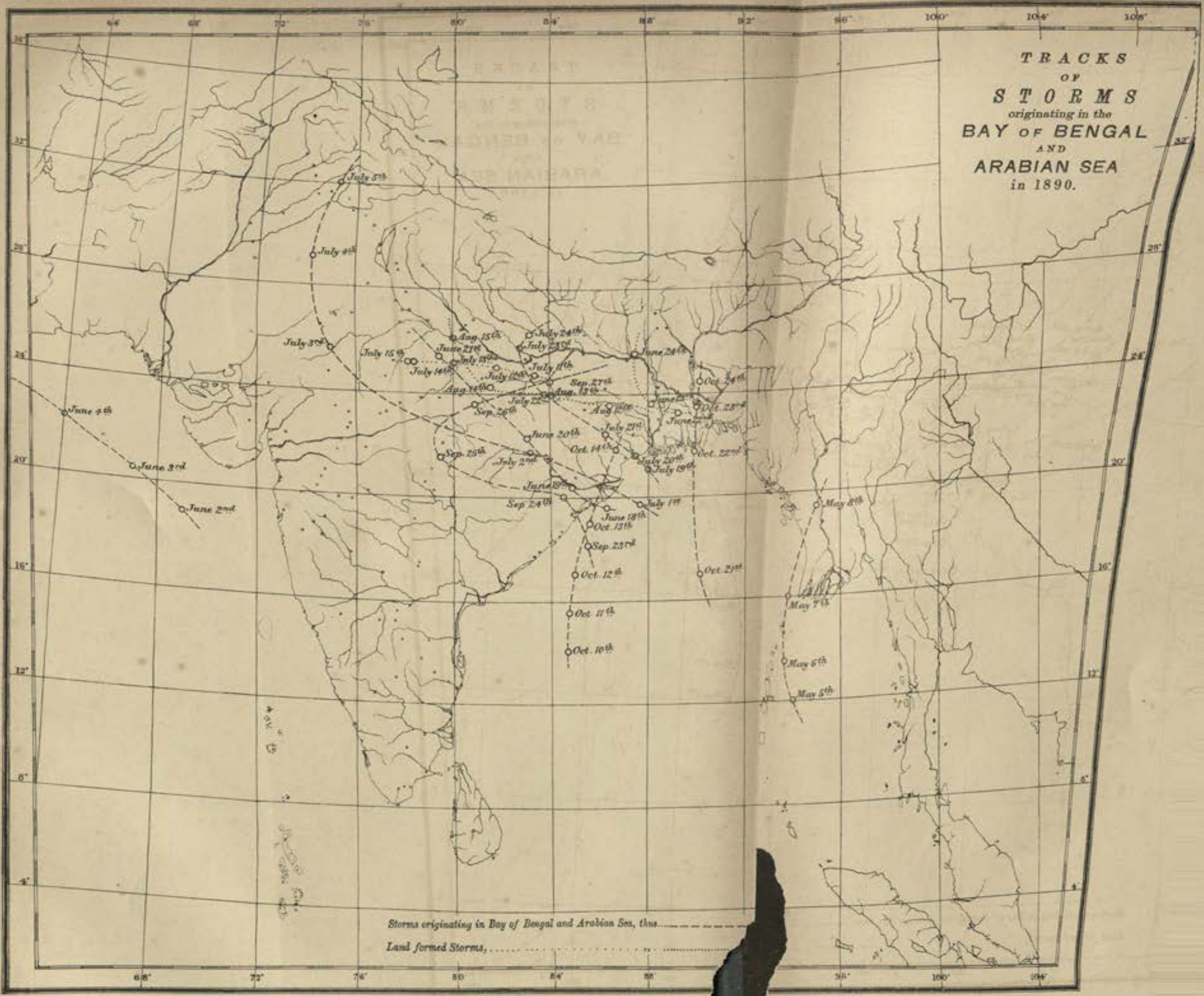
LOW
HIGH
LOW
HIGH

Reg. No. 597, Wr., I.—Feb. 92.—416.

Litho. S. I. O., Calcutta.


TRACKS OF STORMS originating in the BAY OF BENGAL AND ARABIAN SEA in 1890.
Storms originating in Bay of Bengal and Arabian Sea, thus
Land formed Storms,
June 2nd
June 3rd
June 4th
July 3rd
July 4th
July 5th
July 15th
July 14th
June 21st
July 13th
Aug. 15th
July 24th
July 23rd
July 11th
July 12th
Aug. 14th
Sep. 27th
Aug. 13th
July 22nd
Sep. 26th
Aug. 12th
June 24th
Oct. 24th
Oct. 23rd
June 20th
July 21st
Oct. 14th
Sep. 25th
July 2nd
July 20th
July 19th
Oct. 22nd
June 19th
Sep. 24th
July 1st
June 18th
Oct. 13th
Sep. 23rd
Oct. 12th
Oct. 21st
Oct. 11th
Oct. 10th
May 8th
May 7th
May 6th
May 5th
64°
68°
72°
76°
80°
84°
88°
92°
96°
100°
104°
108°
36°
32°
28°
24°
20°
16°
12°
8°
4°

Reg. No. 155, Wr., I.—May 93.—415
Litho., S. I. O., Calcutta.

APPENDIX A.

Abstract of Meteorological Registers for the year 1890.

TABLE I.—DURATION OF BRIGHT SUNSHINE IN 1890. (6 STATIONS).

MONTH.	1. LAHORE.			2. JEYPORE.			3. DEHRA.		
	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.
January	237	318	75	270	326	83	194	321	60
February	212	307	69	247	311	79	180	308	58
March	241	368	65	224	368	61	203	368	55
April	239	385	62	274	380	72	215	383	56
May	257	422	61	231	412	56	185	419	44
June	156	419	37	133	408	33	143	416	34
July	191	428	45	110	418	26	82	424	19
August	207	407	51	161	401	40	108	405	27
September	303	367	83	236	365	65	192	366	52
October	295	350	84	290	352	82	269	351	77
November	203	313	65	281	321	88	213	316	67
December	163	311	52	248	320	77	154	315	49
Year	2,704	4,395	62	2,705	4,382	62	2,138	4,392	49

MONTH.	4. ALLAHABAD.			5. CALCUTTA (ALIPORE).			6. NAGPUR.		
	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.
January	288	329	88	274	337	81	289	339	85
February	272	312	87	248	318	78	260	317	82
March	263	368	71	246	371	66	267	270	72
April	291	379	77	240	379	63	249	375	66
May	265	410	65	240	408	59	275	403	68
June	150	407	37	102	403	25	126	397	32
July	100	416	25	73	413	18	59	406	15
August	142	400	36	122	398	31	104	393	26
September	198	366	54	131	367	36	157	363	43
October	329	354	93	209	359	58	274	358	77
November	291	324	90	254	331	77	247	331	75
December	284	324	88	270	333	81	230	334	69
Year	2,873	4,389	65	2,409	4,417	55	2,537	4,386	58

TABLE II.—TEMPERATURE OF THE GROUND IN 1890. (5 STATIONS).

1. LAHORE.

Month.	Surface.				1 foot deep.				3 feet deep.				6 feet deep.	Daily Means.		
	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	16 hours.	16 hours.	22 hours.	10 hours.	Surface.	1 foot.	3 feet.
January . .	39·5	54·2	69·8	44·8	59·0	58·6	59·5	59·7	64·1	64·1	63·9	64·0	71·9	52·1	59·2	64·0
February . .	42·8	59·0	78·1	50·9	60·6	60·2	60·7	61·5	63·6	63·7	63·7	63·7	69·8	57·7	60·8	63·6
March . .	52·9	76·8	93·5	60·4	68·5	68·1	68·2	69·3	68·7	68·9	68·9	68·9	70·7	70·9	68·5	68·9
April . .	64·5	100·3	110·6	72·6	80·0	79·7	79·6	80·6	77·6	77·8	77·8	77·8	74·7	87·0	79·9	77·8
May . . .	73·1	117·0	127·7	83·3	88·2	88·0	87·9	88·9	84·7	85·0	85·0	85·0	79·4	100·3	88·3	84·9
June	83·1	115·0	126·5	90·2	94·1	93·7	93·6	94·4	90·9	91·1	91·1	91·1	84·4	103·7	93·9	91·0
July . . .	81·2	108·4	114·2	86·4	92·9	92·4	92·4	93·2	91·4	91·5	91·4	91·3	86·9	97·6	92·7	91·4
August . .	78·4	107·8	111·6	82·3	90·4	89·9	89·9	90·9	89·2	89·4	89·3	89·2	86·8	95·0	90·2	89·3
September .	72·0	120·8	120·0	78·2	92·1	91·9	91·9	92·9	91·1	91·3	91·3	91·1	87·8	97·7	92·2	91·2
October . .	57·1	100·8	93·9	63·5	83·3	83·1	83·6	84·1	85·7	85·7	85·5	85·4	86·7	78·8	83·5	85·6
November .	45·6	69·9	73·4	51·7	69·6	69·6	70·1	70·4	74·4	74·5	74·3	74·3	81·2	60·1	69·9	74·4
December . .	44·7	60·4	60·8	48·2	61·6	61·5	61·8	62·0	67·2	67·2	67·1	67·0	75·6	53·5	61·7	67·1
Year . .	61·2	90·9	98·3	67·7	78·4	78·1	78·3	79·0	79·9	79·2	79·1	79·1	79·7	79·6	78·4	79·1

2. JEYPORE.

Month.	Surface.				4 inches deep.				1 foot deep.				3 feet deep.				10 feet deep.	20 feet deep.	45·0 ft. deep.	Daily Means.			
	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	10 hours.	10 hours.	10 hours	Surface.	4 inches.	1 foot.	3 feet.
January . .	39·1	87·6	89·6	45·6	55·8	58·1	76·3	63·7	61·6	60·6	67·0	65·8	68·6	68·8	68·9	68·7	74·6	81·3	81·3	65·4	63·4	63·8	68·7
February . .	44·3	93·6	96·3	51·0	61·4	63·5	85·7	71·3	66·2	64·9	71·7	71·2	69·1	69·3	69·4	69·4	73·1	80·3	81·4	71·3	70·1	68·5	69·3
March . .	57·4	100·9	101·0	62·8	69·8	74·0	89·8	77·1	73·4	72·4	81·0	78·7	74·3	74·5	74·6	74·6	74·3	79·5	81·4	80·5	77·6	76·3	74·4
April . .	65·6	123·5	120·0	73·4	81·4	86·5	104·9	90·6	85·2	84·5	92·0	90·5	83·1	83·4	83·4	83·4	78·6	79·1	81·5	95·6	90·9	88·0	83·3
May . . .	73·7	127·0	124·7	80·6	89·1	93·4	111·8	98·1	92·6	91·8	99·0	98·0	88·3	88·5	88·7	88·6	82·9	79·3	81·5	101·5	98·0	95·3	88·5
June . . .	78·7	113·7	113·7	83·9	88·1	92·3	105·7	94·7	91·9	91·4	98·1	95·6	91·0	91·2	91·2	91·0	86·5	80·1	81·5	97·5	95·2	94·2	91·1
July . . .	75·8*	100·2	100·0	78·8	81·3*	85·0	93·6	85·3	83·9*	84·1	89·6	87·0	86·6*	86·7	86·7	86·6	86·2	81·1	81·4	88·8	86·3	86·0	86·6
August . .	72·8	102·0	103·1	76·3	80·2	85·4	96·0	84·7	83·1	83·2	89·8	87·0	85·2	85·3	85·4	85·3	85·1	81·8	81·3	88·5	86·5	85·7	85·3
September .	68·5	115·8	112·6	75·4	82·2	88·9	106·1	89·9	86·5	86·1	93·6	91·1	87·9	88·1	88·2	88·0	86·2	82·1	81·3	93·0	91·8	89·3	88·0
October . .	57·9	114·6	106·8	63·5	75·0	84·2	101·5	82·9	80·7	80·5	89·6	85·7	85·6	85·9	85·9	85·5	86·0	82·3	81·4	85·7	85·9	84·2	85·7
November . .	48·4	101·4	93·0	52·7	64·1	71·7	87·3	70·1	70·4	70·1	77·3	74·6	77·4	77·7	77·7	77·4	82·3	82·6	81·5	73·7	73·0	73·1	77·5
December . .	44·2	85·7	83·3	48·6	56·8	62·0	74·5	62·2	63·0	62·3	69·1	66·2	71·7	71·9	71·9	71·7	78·1	82·2	81·5	65·4	63·8	65·1	71·8
Year . . .	60·5	105·5	103·7	66·1	73·8	78·8	94·4	80·9	78·2	77·7	84·8	82·6	80·7	80·9	81·0	80·9	81·2	81·0	81·4	83·9	81·9	80·8	80·9

* Mean of 30 days.

TABLE II.—TEMPERATURE OF THE GROUND IN 1890.

3. DEHRA.

4. ALLAHABAD.

MONTH.	15 HOURS.					SURFACE.			1 FOOT DEEP.			3 FEET DEEP.			9 FEET DEEP.	DAILY MEANS.		
	1·1 feet.	3·2 feet.	6·4 feet.	12·8 feet.	25·6 feet.	6 hours.	14 hours.	22 hours.	6 hours.	14 hours.	22 hours.	6 hours.	14 hours.	22 hours.	14 hours.	Surface.	1 foot.	3 feet.
January . .	58·8	64·8	69·7	75·4	76·8	41·9	84·7	49·2	62·8	61·7	64·3	67·6	67·5	67·5	78·0	59·1	62·9	67·5
February . .	62·5	64·9	68·2	73·8	76·3	45·4	98·7	54·4	66·4	65·2	68·5	68·3	68·4	68·5	76·8	66·3	66·7	68·4
March . .	68·6	69·2	69·6	73·0	75·7	58·2	113·9	67·8	76·7	75·7	79·0	75·3	75·4	75·5	76·8	80·9	77·2	75·4
April . .	81·1	77·9	73·6	73·0	75·2	67·3	129·2	77·0	86·4	85·5	88·8	83·3	83·5	83·6	78·7	92·4	86·8	83·5
May . .	88·7	84·0	78·7	74·6	74·8	76·7	135·9	84·5	93·4	92·6	95·5	89·3	89·6	89·6	81·2	100·4	93·7	89·5
June . .	89·6	86·6	82·3	76·7	74·8	82·4	116·7	85·2	92·8	92·2	94·1	91·7	91·1	91·2	83·7	95·5	93·0	91·3
July . .	83·4	83·4	82·3	78·4	75·2	77·4	94·7	79·2	84·1	83·9	85·3	85·0	85·1	85·1	84·2	83·3	84·5	85·1
August . .	81·5	81·1	81·4	80·5	77·7	77·2	96·7	78·7	84·3	84·1	85·7	84·5	84·9	84·9	84·0	83·7	84·7	84·9
September .	80·7	81·4	81·5	80·5	77·8	74·8	100·7	77·7	84·5	84·4	86·1	85·2	85·3	85·3	84·2	83·6	85·0	85·3
October . .	74·9	77·5	79·6	80·0	77·4	64·2	97·6	69·0	79·0	78·8	81·0	82·0	82·0	82·0	84·0	77·1	79·6	82·0
November .	66·7	71·0	75·9	78·8	77·3	49·3	91·0	55·6	69·7	69·2	71·7	75·3	75·3	75·2	82·7	65·8	70·2	75·3
December .	59·3	65·6	71·7	76·9	77·0	46·4	81·8	52·4	65·4	64·6	66·9	71·2	71·2	71·2	80·6	60·9	65·6	71·2
Year . .	74·7	75·6	76·2	76·8	76·3	63·4	103·5	69·2	78·8	78·2	80·6	79·9	80·0	80·0	79·6	79·1	79·2	80·0

5. CALCUTTA (ALIPORE).

MONTH.	SURFACE.			1 FOOT DEEP.			3 FEET DEEP.			6 FEET DEEP.	DAILY MEANS.		
	5¾ hours.	13¾ hours.	21¾ hours.	5¾ hours.	13¾ hours.	21¾ hours.	5¾ hours.	13¾ hours.	21¾ hours.	13¾ hours.	Surface.	1 foot.	3 feet.
January . .	57·1	74·9	60·9	68·7	68·1	69·0	72·4	72·4	72·4	77·5	64·3	68·6	72·4
February . .	59·6	89·1	63·2	71·2	70·7	72·0	72·9	73·1	73·1	76·2	70·6	71·3	73·0
March . .	72·1	101·3	75·7	81·0	80·3	81·8	79·7	79·8	79·9	78·0	83·0	81·0	79·8
April . .	77·1	119·1	80·9	88·6	87·9	89·7	86·3	86·4	86·4	81·8	92·4	88·7	86·4
May . .	80·3	113·5	82·6	90·5	89·7	91·5	88·9	89·0	89·0	84·7	92·1	90·6	89·0
June . .	81·4	97·5	82·6	87·0	86·5	87·5	87·2	87·3	87·2	85·6	87·2	87·0	87·2
July . .	81·2	94·9	82·7	86·0	85·6	86·2	86·4	86·4	86·4	85·2	86·3	85·9	86·4
August . .	80·9	95·3	82·7	86·3	85·9	86·6	86·4	86·5	86·5	85·4	86·3	86·3	86·5
September .	80·0	96·2	81·8	86·1	85·7	86·3	86·7	86·7	86·7	85·6	86·0	86·0	86·7
October . .	75·8	93·5	77·7	82·7	82·3	82·8	84·3	84·3	84·3	84·9	82·3	82·6	84·3
November .	64·2	86·4	67·2	76·3	75·8	76·4	80·3	80·4	80·2	83·4	72·6	76·2	80·3
December .	57·4	76·4	60·7	69·9	69·5	70·1	74·8	74·9	74·7	80·3	64·8	69·8	74·8
Year . .	72·3	94·8	74·9	79·6	80·7	81·7	82·2	82·3	82·2	82·4	80·7	81·2	82·2

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890. (90 STATIONS).

1. MURREE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	44·5	47·7	48·4	53·5	14·4	39·1	2nd	64·8	35·5	25th	29·3
February .	43·4	46·5	48·2	53·0	15·6	37·4	11th	62·6	34·9	16th	27·7
March .	47·6*	49·9*	51·2†	55·6†	14·9*	41·0*	17th	65·0	31·5	5th	33·5
April .	57·8	60·1	62·9	70·4	21·4	48·9	5th, 6th, 15th & 18th.	76·6	36·3	27th & 28th.	40·3
May . .	67·4	70·4	73·7	78·3	20·5	57·9	25th	88·5	42·3	1st	46·2
June .	73·0	74·9	79·6	84·1	21·0	63·0	7th	91·9	38·7	12th	53·2
July .	64·4	67·6	70·9	73·0	16·5	56·5	18th	78·8	29·4	2nd	49·4
August .	63·6	66·3	68·1	71·2	14·0	57·2	13th	77·2	30·8	24th	46·4
September .	64·0	68·6	70·4	73·9	17·7	56·2	9th	78·6	33·6	17th	45·0
October .	57·0	61·2	62·8	66·8	17·3	49·6	9th	73·0	35·3	20th	37·7
November .	46·4	52·3	52·3	58·0	19·9	38·1	28th	65·6	38·4	30th	27·2
December .	36·9	41·0	41·5	45·3	14·9	30·4	11th	53·3	30·9	26th	22·4
Year .	55·5	58·9	60·8	65·3	17·4	47·9	...	91·9	69·5	...	22·4

2. CHAMBA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	53·2	53·2	61.8	67·5	23·3	44·2	3rd	81·5	45·2	25th	36·3
February	54·8	54·6	64·6	67·4	20·9	46·5	11th	79·8	39·4	4th	40·4
March	59·4	60·5	68·9	74·3	25·2	49·1	30th	81·3	39·0	7th	42·3
April	71·9	73·9	80·8	85·6	26·5	59·1	15th	96·2	44·9	28th	51·3
May	79·0†	81·4	89·8	94·0	29·0†	65·3†	25th	104·1	46·5	20th	57·6
June	81·6	86·3	91·0	96·0	24·6	71·4	4th	106·2	40·3	9th	65·9
July	77·2	79·3	82·3	84·8	13·2	71·7	18th	90·1	21·1	9th	69·0
August	74·7	76·6	79·4	82·7	13·2	69·5	11th	87·0	23·6	23rd & 31st.	63·4
September	72·7	75·3	81·8	84·6	20·7	64·0	21st	89·5	31·7	12th	57·8
October	64·7	68·0	75·2	80·4	26·0	54·4	4th	87·1	39·2	29th & 30th.	47·9
November	56·4	59·3	64·7	71·4	22·8	48·6	12th	77·2	31·9	16th	45·3
December	49·0	51·2	55·8	60·1	15·8	44·3	6th	68·9	30·5	17th	38·4
Year	66·2	68·3	74·7	79·1	21·8	57·3	...	106·2	69·9	...	36·3

* Mean of 29 days.

† Mean of 30 days.

3. KAILANG (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	28·8	31·4	38·3	42·3	22·8	19·5	4th	56·9	56·8	26th	0·1
February .	25·7	29·8	33·9	37·4	18·9	18·6	13th	48·7	39·7	27th	9·0
March .	27·0	32·8	34·9	38·8	19·8	19·0	28th	46·5	36·1	8th	10·4
April .	41·4	46·0	48·1	53·7	21·4	32·3	20th	62·7	39·7	1st	23·0
May . .	48·5	53·9	56·0	62·0	23·4	38·6	25th	72·5	40·5	9th	32·0
June . .	57·1	63·0	68·4	72·4	27·4	45·0	21st	81·5	46·3	1st	35·2
July . .	61·8	66·9	68·4	73·8	20·4	53·3	23rd	80·7	33·1	9th	47·6
August .	60·1	65·8	66·6	74·1	23·2	50·9	28th	80·7	39·2	24th	41·5
September .	52·7	59·3	62·7	68·9	28·2	40·6	6th	77·1	42·2	14th	34·9
October .	43·1	51·9	53·5	61·1	29·7	31·4	8th	71·5	46·3	29th & 31st.	25·2
November .	34·7	35·5	44·2	49·4	23·0	26·3	10th	59·1	41·1	23rd	18·0
December .	24·6	29·1	30·5	35·6	15·5	20·2	1st	45·7	39·7	27th	6·0
Year . .	42·1	47·1	50·5	55·8	22·8	33·0	...	81·5	81·4	...	0·1

4. SIMLA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	45·9*	50·0	50·4†	54·8	13·9†	40·6†	2nd	67·4	39·0	25th	28·4
February	46·1‡	48·0	51·2	55·3	14·6‡	40·7‡	11th	63·4	27·1	16th	36·3
March	48·6*	50·8	53·4*	57·6	15·8	41·9	31st	67·5	36·3	11th	31·2
April	60·5*	63·3	66·6*	69·9*	17·1*	52·9	8th	77·4	36·1	26th	41·3
May	?	69·2	73·4	Imperfect.		58·4	...	?	?	21st	49·9
June	68·0*	69·4	72·2*	76·1	15·1	61·0	5th	84·6	30·5	9th	54·1
July	63·9†	64·5	66·0†	68·1†	7·8†	60·3	17th	72·7	14·8	27th	57·9
August	62·2	63·0	64·2	67·0	8·4	58·6	23rd	71·1	16·1	31st	55·0
September	61·0	63·4	65·6	68·7	13·3	55·5	8th	75·1	25·4	26th	49·7
October	56·4	58·6	61·8	65·5	15·8	49·6	10th	69·7	25·5	30th	44·2
November	51·1	54·4	55·8	60·0	15·4	44·6	15th	65·3	24·9	5th	40·4
December	44·0	48·4	47·8	51·7	12·9	38·8	29th	59·9	29·9	26th	30·0
Year	?	58·6	60·7	?	?	50·2	...	?	?	...	28·4

* Mean of 29 days.
† „ „ 30 „
‡ „ „ 27 „

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

5. PESHAWAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	52·8	55·9	65·8	68·2	27·4	40·8	7th	77·1	43·2	25th	33·9
February	56·3	61·3	68·8	70·9	27·0	43·9	12th	79·9	44·3	2nd	35·6
March	62·0	67·6	73·2	75·4	25·3	50·1	16th	85·6	45·2	3rd	40·4
April	74·0	77·6	83·5	86·1	23·8	62·3	15th	96·3	42·0	1st	54·3
May	83·9	90·1	95·7	98·8	29·0	69·8	25th	111·0	50·8	8th	60·2
June	92·0	97·5	104·0	106·8	27·4	79·4	23rd	113·8	45·9	1st	67·9
July	89·6	91·8	98·9	101·5	21·7	79·8	19th	110·0	37·1	2nd	72·9
August	84·4	85·8	92·4	94·6	18·9	75·7	2nd	103·5	37·5	24th	66·0
September	83·0	87·2	95·4	97·6	27·8	69·8	10th	102·5	38·5	14th & 15th	64·0
October	70·9	77·0	84·5	87·8	30·9	56·9	7th	96·0	50·0	30th	46·0
November	58·6	63·7	71·0	74·0	26·5	47·5	9th	84·1	44·1	14th	40·0
December	51·1	54·0	58·9	61·5	17·0	44·6	11th	68·7	31·6	27th	37·1
Year	71·6	75·8	82·7	85·3	25·2	60·1	...	113·8	79·9	...	33·9

6. LAHORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	55·4	60·6	70·9	72·4	31·2	41·3	3rd	78·4	46·4	27th	32·0
February	58·8	64·5	74·2	76·0	32·3	43·7	28th	84·3	49·9	2nd & 9th	34·4
March	66·8	72·4	79·8	81·6	28·3	53·3	30th	91·8	47·0	8th	44·8
April	80·3	87·9	92·6	95·9	30·4	65·5	23rd	103·0	50·0	1st	53·0
May	88·7	96·1	102·3	104·3	30·8	73·5	26th	114·3	50·0	13th	64·3
June	91·4	94·2	101·1	102·9	21·3	81·6	7th	115·3	46·4	10th	68·9
July	85·6	87·6	91·4	93·8	14·5	79·3	18th	101·8	28·4	5th	73·4
August	83·1	85·6	89·2	91·2	14·7	76·5	27th	96·6	28·4	23rd	68·2
September	84·3	89·8	96·4	97·9	26·0	71·9	10th	103·1	36·3	14th	66·8
October	74·3	82·8	89·0	91·8	32·2	59·6	3rd	100·2	53·9	31st	46·3
November	61·0	69·2	74·7	78·6	30·5	48·2	1st	85·1	45·0	15th	40·1
December	53·7	57·8	62·4	65·3	19·1	46·1	2nd	72·0	34·6	26th	37·4
Year	73·6	79·0	85·3	87·6	25·9	61·7	...	115·3	83·3	...	32·0

7. LUDHIANA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	56·0	60·1	68·6	71·7	28·0	43·7	3rd	76·2	42·1	28th	34·1
February	60·4	65·5	73·5	76·5	29·5	46·9	24th & 28th.	83·3	45·0	2nd	38·3
March	67·9*	73·5	79·0	81·6*	25·6*	56·1	31st	89·7	42·2	5th	47·5
April	82·3	88·4	94·2	97·2	29·4	67·8	21st	105·2	46·7	1st	58·5
May	90·3	96·4	102·8	105·3	29·4	75·9	25th	115·0	46·7	14th	68·3
June	90·9	92·7	99·8	102·9	22·1	80·8	5th	115·4	46·9	10th	68·5
July	85·2	86·8	90·9	93·7	14·9	78·8	2nd & 7th.	100·8	26·4	27th	74·4
August	83·5	85·8	89·9	92·0	15·1	76·9	27th	98·4	25·9	25th	72·5
September	84·7	88·9	94·8	97·5	23·8	73·7	10th	103·8	36·1	26th	67·7
October	74·5	82·1	88·0	91·1	30·5	60·6	3rd	97·4	47·9	31st	49·5
November	62·4	71·1	76·9	80·5	31·9	48·5	1st	85·1	45·1	17th	40·0
December	55·3	59·3	64·1	66·7	19·0	47·5	3rd	75·1	35·9	27th	39·2
Year	74·5	79·2	85·2	88·1	25·0	63·1	...	115·4	81·3	...	34·1

8. MOOLTAN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	58·4	59·7	73·0	75·0	30·1	44·9	9th	82·3	45·1	26th, 29th, 30th & 31st.	37·2
February	62·5	62·4	77·4	79·6	31·8	47·7	28th	87·3	48·1	3rd	39·2
March	71·2	72·2	83·8	86·1	28·4	57·7	18th	93·3	44·1	3rd	49·2
April	84·7	85·2	97·5	99·8	29·9	69·9	20th & 22nd.	106·2	48·0	3rd	58·2
May	93·4	94·8	106·8	109·2	31·0	78·2	26th	120·3	55·1	9th	65·2
June	96·8	97·2	107·9	109·7	24·1	85·6	14th & 15th.	120·3	41·2	26th & 27th.	79·1
July	93·2	93·0	101·9	103·6	19.2	84·4	1st	111·2	33·0	3rd & 5th.	78·2
August	87·9	89·0	96·0	98·5	19·2	79·3	12th	104·2	32·0	23rd	72·2
September	88·9	89·5	100·3	102·3	25·5	76·8	15th	105·7	31·5	12th, 13th, 20th & 29th.	74·2
October	79·7	81·5	94·2	96·1	30·5	65·7	7th, 8th, 10th & 11th.	102·2	49·9	30th & 31st.	52·3
November	65·2	66·8	78·6	80·9	27·6	53·3	1st	88·3	43·0	14th	45·3
December	55·9	57·3	64·9	67·0	18·7	48·3	10th & 12th.	75·3	36·1	26th & 27th.	39·2
Year	78·2	79·1	90·2	92·3	26·3	66·0	...	120·3	83·1	...	37·2

* Mean of 30 days.

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

9. JACOBABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	59·4	63·9	76·1	78·3	34·5	43·8	4th	85·9	52·6	28th	33·3
February .	63·9	68·3	79·5	81·5	33·1	48·5	28th	90·5	55·4	3rd	35·1
March .	74·3	79·8	88·1	90·1	30·2	59·9	16th	96·5	46·6	4th	49·9
April . .	87·1	93·3	100·3	103·9	32·7	71·2	11th	107·6	47·7	2nd	59·9
May . .	95·5	101·2	110·6	112·8	34·2	78·6	25th	122·5	59·1	9th	63·4
June . .	99·6	101·5	111·9	114·0	26·9	87·2	14th	120·5	37·9	1st	82·6
July . .	94·1	94·7	104·6	107·4	24·3	83·1	7th	113·4	38·7	3rd	74·7
August .	89·2	90·6	97·5	101·3	21·5	79·7	2nd	107·4	31·7	9th & 30th	75·7
September .	88·6	91·4	102·5	105·2	31·4	73·8	15th	109·4	42·5	18th	66·9
October .	79·2	87·2	96·4	99·0	36·9	62·1	13th	108·1	60·9	31st	47·2
November .	65·4	73·2	80·3	83·1	31·2	51·9	10th	90·4	45·8	16th	44·6
December .	56·7	61·5	66·2	68·6	20·0	48·6	9th	78·4	39·8	27th	38·6
Year . .	79·4	83·9	92·8	95·4	29·7	65·7	...	122·5	89·2	...	33·3

10. KURRACHEE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	67·6	70·9	77·9	80·8	24·3	56·6	8th	86·9	37·8	25th, 28th & 30th.	49·1
February .	70·6	73·9	79·5	82·3	22·2	60·1	16th	86·7	35·6	3rd	51·1
March .	76·1	79·2	81·6	85·3	16·7	68·6	1st	92·0	30·0	2nd	62·0
April . .	80·0	84·6	86·3	90·2	16·8	73·3	9th	95·4	29·5	3rd	65·9
May . .	82·9	87·4	88·2	91·9	14·3	77·6	7th	102·7	30·9	5th	71·8
June . .	87·8	90·9	91·6	95·0	12·2	82·9	16th	98·1	18·4	4th & 22nd	79·7
July . .	84·3	86·5	87·3	90·5	9·7	80·7	3rd	96·0	22·1	4th	73·9
August .	80·1	81·8	82·6	85·2	8·2	77·0	7th	91·2	16·4	12th	74·8
September .	80·7	83·6	84·3	87·6	11·8	75·8	19th	89·8	17·1	24th	72·7
October .	79·3	83·6	85·2	89·3	17·9	71·4	28th	93·1	35·4	28th	57·7
November .	75·3*	73·8†	84·4*	87·6*	24·2*	63·5†	11th	93·2	34·7	14th	58·5
December .	64·5‡	66·0‡	71·9‡	73·5‡	16·4‡	57·1‡	12th	82·2	35·1	26th &28th	47·1
Year . .	77·4	80·2	83·4	86·6	16·2	70·4	...	102·7	55·6	...	47·1

* Mean of 23 days.
† „ „ 24 „
‡ „ „ 30 „

11. JEYPORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	61·4	69·4	77·4	79·7	32·9	46·8	3rd	85·1	49·8	26th	35·3
February .	66·0	73·0	80·4	82·7	31·0	51·7	24th	89·1	51·9	4th	37·2
March .	74·4	79·2	85·7	87·9	25·8	62·1	31st	95·3	41·8	1st	53·5
April . .	86·3	92·7	99·0	101·4	30·4	71·1	21st	107·8	47·6	2nd	60·2
May . .	92·5	97·5	104·5	107·5	28·9	78·6	25th	113·4	46·4	9th	67·0
June . .	90·1	92·4	97·8	101·6	21·0	80·6	13th	112·3	38·3	26th	74·0
July . .	82·3	83·9	87·1	90·5	13·6	76·9	10th	97·4	24·1	13th	73·3
August .	80·5	82·8	86·6	90·1	16·1	74·0	26th	96·1	27·1	30th	69·0
September .	82·5	87·0	92·4	95·7	23·6	72·1	10th	103·4	36·4	14th	67·0
October .	76·7	85·7	90·3	93·8	30·4	63·4	7th	99·0	49·2	30th	49·8
November .	68·3	77·6	81·6	85·2	30·0	55·2	11th	89·3	38·9	2nd	50·4
December .	60·9	66·8	72·4	75·9	25·6	50·3	5th	84·0	47·8	28th	36·2
Year . .	76·8	82·3	87·9	91·0	25·8	65·2	...	113·4	78·1	...	35·3

12. AJMERE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January .	61·2	65·3	77·2	79·0	33·7	45·3	10th	84·7	51·7	29th	33·0
February .	66·2	70·5	79·7	81·6	30·5	51·1	15th	88·5	51·8	4th	36·7
March .	75·5	78·8	86·2	88·3	25·3	63·0	31st	94·2	41·9	1st	52·3
April . .	87·6	91·4	98·2	100·1	26·2	73·9	30th	106·5	46·8	2nd	59·7
May . .	91·7	94·4	101·9	104·2	23·8	80·4	25th	108·8	42·3	9th	66·5
June . .	89·7	90·3	98·6	99·9	18·1	81·7	13th	107·3	34·2	18th	73·1
July . .	81·7	82·3	87·8	89·4	12·5	76·9	2nd	95·4	23·3	4th	72·1
August .	79·9	80·2	85·1	87·0	12·3	74·7	6th	92·2	20·0	13th	72·2
September .	83·7	85·3	92·0	94·3	19·2	75·1	10th	101·6	32·5	14th	69·1
October .	78·2	84·7	90·8	93·2	28·0	65·2	2nd	98·9	49·1	31st	49·8
November .	67·7	75·3	82·0	84·3	30·1	54·1	11th	88·1	39·8	13th	48·3
December .	60·8	63·5	71·7	73·4	23·2	50·2	5th	81·5	41·4	29th	40·1
Year . .	77·0	80·2	87·6	89·6	23·6	66·0	...	108·8	75·8	...	33·0

13. MOUNT ABU (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January .	Not recorded.										
February .	63·4	67·0	69·2	71·5	15·0	56·5	23rd	76·0	26·0	8th	50·0
March .	66·9	69·0	72·4	74·6	14·3	60·3	31st	81·0	25·1	4th & 5th.	55·9
April .	76·6	79·5	83·2	85·4	16·6	68·8	20th	91·0	37·1	26th	53·9
May .	78·9*	81·1*	86·4*	88·0*	17·4*	70·6*	24th	93·7	28·9	29th	64·8
June .	74·3	75·7	79·9	82·3	14·9	67·3	2nd	89·8	27·4	26th	62·4
July .	67·7	67·4	70·0	71·0	6·2	64·8	2nd	75·9	13·5	29th	62·4
August .	65·4	65·4	67·6	69·0	6·4	62·6	6th	74·1	14·7	26th	59·4
September .	68·9	71·9	73·2	74·9	11·1	63·8	10th	81·8	22·9	22nd	58·9
October .	70·7	74·6	75·9	78·2	13·9	64·3	11th	82·8	24·4	31st	58·4
November .	65·6	70·1	70·8	73·3	14·2	59·1	16th	76·9	22·8	20th	54·1
December .	58·7	62·7	63·1	66·7	14·2	52·5	5th & 30th.	72·1	27·8	17th	44·3
Year .	?	?	?	?	?	?		?	?		?

* Mean of 25 days.

14. CHAKRATA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January .	46·6	50·7	49·4	56·7	15·6	41·1	2nd & 3rd.	68·6	36·9	27th	31·7
February .	47·4	53·1	52·2	58·2	17·6	40·6	22nd	66·7	32·2	16th	34·5
March .	50·3	53·9	54·1	60·7	18·9	41·8	30th	68·1	33·2	10th	34·9
April .	61·4	66·1	67·0	73·1	20·3	52·8	22nd	81·8	39·0	26th	42·8
May .	65·8	71·3	71·3	76·4	19·4	57·0	25th	83·4	14·8	20th	48·6
June .	67·4	69·7	71·3	75·6	15·3	60·3	5th	88·6	35·3	9th	53·3
July .	63·9	65·4	65·6	69·2	9·1	60·1	4th	74·1	16·8	31st	57·3
August .	62·6	65·0	64·3	67·7	8·7	59·0	10th	73·3	16·8	31st	56·5
September .	60·7	63·4	63·4	68·0	11·9	56·1	16th	73·5	22·6	27th	50·9
October .	56·1	60·9	61·2	65·1	15·7	49·4	5th	70·1	27·8	20th	42·3
November .	51·1	56·7	54·4	61·0	16·1	44·9	10th	65·3	25·3	22nd	40·0
December .	44·6	50·8	48·1	54·2	15·6	38·6	29th	67·8	37·3	17th	30·5
Year .	56·5	60·6	60·2	65·5	15·4	50·1	...	88·6	58·1	...	30·5

15. RANIKHET (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January .	48·5	50·2	53·0	58·1	15·8	42·3	1st & 2nd.	68·1	36·6	27th	31·5
February .	50·2	51·1	55·2	60·2	17·6	42·6	22nd	70·0	30·5	1st, 2nd, 16th, 21st, 22nd, 26th & 27th.	39·5
March .	52·6	53·8	57·8	63·4	19·5	43·9	31st	72·0	36·5	6th	35·5
April .	65·0	68·4	71·8	76·5	22·6	53·9	10th, 23rd & 24th.	83·0	45·5	27th	37·5
May .	65·7	72·8	75·1	79·6	27·1	52·5	5th	86·1	41·6	18th	44·5
June .	66·2	70·8	74·2	76·7	20·8	55·9	6th	85·5	36·2	9th	49·3
July .	67·0	68·1	69·9	71·9	9·2	62·6	2nd	76·6	16·8	8th	59·8
August .	65·8	67·2	68·4	70·6	8·8	61·8	24th	75·0	16·0	30th	59·0
September .	64·5	66·9	68·9	71·5	12·3	59·2	6th	78·4	23·9	27th	54·5
October .	60·1	64·0	65·9	68·4	15·1	53·3	7th	73·0	24·6	31st	48·4
November .	54·8	58·9	60·6	63·9	16·1	47·8	10th	68·6	25·6	22nd	43·0
December .	49·4	53·2	53·1	57·6	13·8	43·8	29th	66·3	31·3	17th	35·0
Year .	59·2	62·1	64·5	68·2	16·6	51·6	...	86·1	54·6	...	31·5

16. PITHORAGARH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January .	52·0	53·7	59·5	64·4	21·5	42·9	1st & 2nd	72·7	36·9	24th	35·8
February .	54·5	56·3	62·0	66·2	21·7	44·5	22nd & 23rd.	72·9	33·0	14th	39·9
March .	58·4	61·7	65·1	69·4	20·8	48·6	31st	77·5	37·1	6th	40·4
April .	70·4	73·5	77·8	80·8	21·8	59·0	23rd	87·8	39·0	27th	48·8
May .	71·6	74·8	77·8	83·0	21·9	61·1	4th	90·6	37·1	22nd	53·5
June .	71·9	72·2	77·4	79·9	15·5	64·4	6th	89·0	29·5	9th	59·5
July .	70·7	71·9	74·3	76·7	11·1	65·6	2nd	82·1	20·2	8th	61·9
August .	69·8	71·2	74·3	76·9	12·2	64·7	10th & 11th.	81·2	18·8	20th	62·4
September .	69·7	69·8	74·1	75·4	13·8	61·6	7th & 9th	81·5	26·8	17th	54·7
October .	62·9	65·9	71·7	73·0	18·8	54·2	3rd	76·4	27·0	31st	49·4
November .	57·6	59·7	66·8	68·4	20·4	47·9	9th & 10th.	71·8	26·9	22nd	44·9
December .	52·3	53·7	59·9	62·6	18·7	43·9	29th	71·9	33·2	22nd	38·2
Year .	63·5	65·4	70·1	73·1	18·2	54·9	...	90·6	54·8	...	35·8

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

17. DEHRA (*corrected*).

MONTH.	Mean.	9-30 hours.	15-30 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	56·9	56·8	66·1	71·1	25·0	46·1	10th	75·0	36·2	28th	38·8
February .	60·7	61·9	71·6	75·0	25·7	49·3	28th	80·7	39·1	4th	41·6
March .	66·6	68·6	76·9	81·0	26·8	54·2	30th	88·9	40·3	6th	48·6
April . .	79·2	82·3	90·1	93·5	27·9	65·6	21st	101·5	45·1	1st	56·4
May . .	83·8	86·6	95·1	97·4	26·0	71·4	25th	104·7	38·8	20th	65·9
June . .	83·7	83·3	91·3	93·7	19·0	74·6	5th	108·3	42·3	8th	66·0
July . .	77·2*	78·1	79·3	84·0*	10·8	73·2	2nd	91·0	20·7	31st	70·3
August .	76·4	76·9	80·3	83·6	11·7	71·9	11th	88·9	20·1	20th	68·8
September .	75·3	76·9	81·7	84·1	15·4	68·5	11th	89·7	26·5	13th	63·2
October .	69·8	72·4	77·9	82·2	21·9	60·3	5th	85·6	32·9	31st	52·7
November .	62·0	64·6	71·1	76·1	24·2	51·9	19th	78·9	32·7	15th	46·2
December .	56·8*	57·3	65·0	70·9	23·9*	47·2*	7th	76·3	35·5	27th	40·8
Year . .	70·7	72·1	78·9	82·7	21·5	61·2	...	108·3	69·5	...	38·8

* Mean of 30 days.

18. ROORKEE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	57·5	58·7	70·2	72·6	28·0	44·6	12th	78·8	43·0	27th	35·8
February	61·6	63·5	75·6	77·8	30·1	47·7	24th	85·1	47·2	3rd	37·9
March	69·5	75·1	82·7	85·4	30·2	55·2	28th & 30th.	93·6	48·5	1st	45·1
April	82·4	89·2	95·8	99·0	32·8	66·2	23rd	107·6	50·7	1st	56·9
May	88·9	94·0	101·5	103·8	29·3	74·5	25th	112·9	46·2	7th	66·7
June	89·0†	89·4	97·9	99·4	20·1	79·3†	4th	111·9	42·2	10th	69·7
July	82·5	84·1	87·4	89·9	13·0	76·9	2nd	98·6	26·0	31st	72·6
August	81·8	82·9	87·6	89·5	13·2	76·3	11th	96·6	24·5	12th	72·1
September	80·3	83·2	88·6	90·7	19·1	71·5	10th	99·6	31·4	4th, 14th & 16th.	68·2
October	73·7	78·7	84·6	87·6	25·6	62·1	5th	92·6	42·8	30th	49·8
November	63·0	69·1	75·3	80·0	30·3	49·7	1st	83·6	40·5	16th	43·1
December	57·4	58·4	67·1	69·6	21·4	48·2	8th	78·3	36·8	12th & 15th.	41·5
Year	74·0	77·2	84·5	87·1	24·4	62·7	...	112·9	77·1	...	35·8

† Mean of 29 days.

19. MEERUT (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	58·4	59·3	71·0	73·9	28·6	45·3	13th	78·2	40·7	28th	37·5
February .	62·6	66·3	76·9	79·0	30·8	48·2	24th	85·9	45·8	4th & 6th.	40·1
March .	70·5	76·0	82·5	86·0	28·9	57·1	31st	94·7	45·6	1st	49·1
April . .	83·4	90·7	96·2	99·4	31·3	68·1	22nd	105·9	45·9	2nd & 5th.	60·0
May . .	88·8	94·0	100·1	103·1	27·8	75·3	25th	109·7	40·7	18th	69·0
June . .	88·8*	90·6*	96·7*	99·1*	20·0*	79·3	4th	110·2	41·2	19th	69·0
July . .	83·3	84·6	87·6	90·7	13·3	77·4	2nd	99·3	26·4	31st	72·9
August .	82·5	83·9	87·4	90·2	13·6	76·6	26th & 27th.	94·8	21·9	25th	72·9
September .	81·6	84·5	89·0	91·8	18·8	73·0	11th	100·0	31·0	14th	69·0
October .	74·8	79·6	86·5	89·7	27·4	62·3	5th	95·3	45·2	29th	50·1
November .	63·8	68·1	76·1	81·1	31·0	50·1	1st, 3rd & 12th.	84·2	39·1	17th	45·1
December .	58·0	60·7	66·9	70·4	22·0	48·4	9th	80·2	40·1	28th	40·1
Year . .	74·7	78·2	84·7	87·9	24·5	63·4	...	110·2	72·7	...	37·5

* Mean of 29 days.

20. AGRA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	62·2	64·5	76·5	77·8	29·4	48·3	12th	83·5	43·9	30th	39·6
February	66·9	70·4	81·8	83·1	31·1	52·0	24th	90·5	48·5	3rd	42·0
March	75·8	80·1	88·2	90·1	26·7	63·4	31st	98·4	43·8	1st & 5th.	54·6
April	88·8	93·2	101·9	103·6	29·5	74·1	21st	110·4	46·3	2nd	64·1
May	96·4	100·1	108·4	109·8	27·0	82·8	25th	116·4	41·9	10th & 11th.	74·5
June	93·2*	94·5	100·6	102·3*	17·7	84·7	14th	116·5	41·0	29th	75·5
July	84·3	85·3	87·8	89·9	11·2	78·6	9th	98·7	23·2	19th & 26th.	75·5
August	83·7	85·8	87·7	90·6	13·4	77·2	28th	96·0	21·5	20th & 30th.	74·5
September	84·4	87·6	90·8	93·8	17·8	76·0	10th	102·5	30·9	27th	71·6
October	78·2	83·7	90·2	92·1	26·2	65·8	5th	95·5	42·4	31st	53·1
November	68·5	73·5	82·3	84·5	30·1	54·3	1st	87·5	39·7	17th	47·8
December	63·1†	65·6†	74·0†	76·1†	24·7†	51·4†	8th	83·9	43·3	29th	40·6
Year	78·8	82·0	89·2	91·1	23·7	67·4	...	116·5	76·9	..	39·6

† Mean of 30 days.

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

21. LUCKNOW (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	o		Day.	o
January .	62.4	64.7	74.2	76.7	30.1	46.6	13th, 18th & 23rd.	81.2	42.3	30th	38.9
February .	65.8	70.7	80.8	82.9	33.8	49.1	25th	90.3	52.4	6th	37.9
March .	76.2	81.6	88.7	91.3	30.6	60.7	28th	98.8	48.8	2nd	50.0
April . .	87.5	93.0	101.0	102.9	32.4	70.5	23rd	109.3	49.2	5th	60.1
May . .	92.4	96.3	105.0	106.5	28.8	77.8	10th	115.3	44.5	11th	70.8
June . .	89.3	90.7	94.6	98.1	16.6	81.5	2nd, 3rd & 5th.	111.3	35.5	23rd, 26th & 28th.	75.8
July . .	82.0	83.5	85.1	87.8	9.3	78.5	2nd, 13th & 14th.	93.3	18.5	10th	74.8
August .	83.7	85.5	87.6	90.9	12.7	78.3	15th	95.3	19.0	24th	74.8
September .	83.0	85.8	89.2	92.2	16.8	75.3	11th	101.3	30.9	29th	70.4
October .	76.5	82.0	86.4	89.1	23.6	65.5	7th	94.3	42.3	31st	52.0
November .	66.5	74.1	78.7	82.8	30.6	52.2	2nd & 9th.	85.3	40.3	17th	45.0
December .	61.3	66.1	72.0	75.6	26.0	49.6	9th	82.2	40.2	24th, 29th & 30th.	42.0
Year . .	77.2	81.2	86.9	89.7	24.3	65.5	...	115.3	77.4	...	37.9

22. ALLAHABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	o		Day.	o
January .	60.8	65.6	76.0	77.5	31.2	46.2	23rd	83.2	46.7	29th	36.5
February .	66.3	72.5	82.9	84.5	34.7	49.8	25th	93.0	54.4	1st	38.6
March .	77.1	82.6	90.5	92.5	30.1	62.4	31st	100.4	49.5	2nd	50.9
April . .	88.0	95.2	102.3	104.4	32.8	71.7	23rd	111.4	48.3	2nd	63.1
May . .	93.0	97.3	105.7	107.0	28.4	78.6	25th	114.2	43.5	11th	70.7
June . .	89.5	91.0	96.3	99.5	17.3	82.2	3rd	113.2	38.5	29th	74.7
July . .	81.9	83.1	85.6	88.1	10.5	77.6	3rd	94.0	19.6	7th	74.4
August .	82.3	84.7	86.3	89.5	11.5	77.9	16th	94.0	19.4	24th	74.6
September .	82.3	85.3	88.1	91.0	14.9	76.1	9th	100.1	30.5	30th	69.6
October .	76.9	82.2	87.8	88.9	22.3	66.6	5th & 7th	93.2	38.7	31st	54.5
November .	66.3	74.6	80.7	82.3	29.4	52.9	13th	86.4	40.1	17th	46.3
December .	62.1	68.1	75.5	77.6	27.7	49.8	8th	84.7	44.3	29th	40.4
Year . .	77.2	81.9	88.1	90.2	24.2	66.0	...	114.2	77.7	...	36.5

23. GHAZIPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	o		Day.	o
January .	60.8	67.2	72.9	73.8	23.6	50.3	23rd	77.8	35.0	29th	42.8
February .	66.1	73.3	79.9	80.6	27.7	52.9	25th	88.0	45.9	6th	42.1
March .	77.5	83.4	88.8	89.6	24.3	65.3	28th & 31st.	98.7	43.9	2nd	54.8
April . .	87.8	95.0	99.7	101.1	26.8	74.3	24th	108.2	42.3	3rd	65.9
May . .	90.4	95.6	101.8	102.9	24.4	78.6	8th	108.5	37.2	13th	71.3
June . .	86.9*	89.9	93.5	95.3†	13.5*	81.5†	5th	110.8	34.6	25th	76.2
July . .	82.0	83.4	85.1	86.4	7.6	78.8	6th	94.9	25.8	23rd	74.1
August .	82.2	84.3	85.1	88.3	9.6	78.7	15th	93.7	20.6	25th	73.1
September .	82.5	85.7	86.6	89.4	11.6	77.8	10th	98.8	30.3	27th	68.5
October .	77.5	82.5	84.0	85.9	15.4	70.5	5th	92.3	31.8	24th	60.5
November .	67.8	75.1	77.0	80.3	23.0	57.3	13th	84.6	33.5	17th	51.1
December .	63.2‡	68.4‡	72.2‡	72.9‡	19.5‡	53.4‡	8th	78.5	32.6	30th	45.9
Year . .	77.1	82.0	85.6	87.2	18.9	68.3	...	110.8	68.7	...	42.1

24. NOWGONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	o		Day.	o
January .	60.4	63.3	76.2	77.6	33.0	44.3	13th, 18th, 19th & 22nd.	83.0	47.9	29th	35.1
February .	66.2	70.7	81.9	83.7	33.6	50.1	25th	91.0	53.5	5th	37.5
March .	76.7	81.3	89.1	91.4	28.8	62.6	31st	98.4	44.2	2nd	54.2
April . .	86.7	94.4	100.9	103.2	32.5	70.7	23rd	109.6	48.8	2nd	60.8
May . .	94.6	99.5	106.1	108.3	27.1	81.2	25th	112.1	39.6	4th, 10th & 11th.	72.5
June . .	90.5	91.9	96.7	100.4	17.4	83.0	3rd	111.1	37.6	30th	73.5
July . .	79.7	80.7	82.8	85.5	9.2	76.2	9th & 10th.	91.0	18.5	11th	72.5
August .	80.2	81.8	83.8	86.9	11.3	75.6	27th	91.5	19.0	6th & 23rd	72.5
September .	80.7	83.4	86.9	89.3	15.0	74.3	10th	98.1	29.1	27th	69.0
October .	75.0	80.4	86.0	87.9	24.4	63.4	5th	93.1	43.7	31st	49.4
November .	6[illegible].4	72.5	78.4	80.8	29.5	51.4	12th	85.5	40.1	18th	45.4
December .	6[illegible].8	66.8	73.8	75.2	25.4	49.9	9th	83.0	43.0	29th	40.0
Year . .	76.5	80.6	86.9	89.2	23.9	65.2	...	112.1	77.0	...	35.1

* Mean of 27 days. † Mean of 28 days. ‡ Mean of 30 days.

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

25. SUTNA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	60·1	67·0	76·3	77·2	32·2	45·0	19th	84·1	47·8	27th & 29th.	36·3
February	66·7	73·6	82·5	83·6	32·2	51·4	16th & 21st.	89·0	50·0	5th	39·0
March	77·0	82·5	89·2	91·2	27·9	63·3	24th	99·0	46·2	2nd	52·8
April	86·4	92·4	99·4	101·3	30·3	71·0	22nd	108·2	46·3	2nd	61·9
May	92·3	99·4	103·8	106·7	27·7	79·0	25th	111·8	40·2	11th	71·6
June	86·7	90·5	92·5	97·3	18·1	79·2	6th & 7th.	108·2	36·6	29th	71·6
July	78·6	80·2	81·9	84·4	9·7	74·7	14th & 15th.	89·6	17·5	23rd	72·1
August	79·1	81·5	83·1	85·7*	10·7	74·8	27th	89·5	17·4	23rd	72·1
September	78·5	82·4	84·0	86·7	13·9	72·8	10th	96·1	30·5	28th	65·6
October	73·8	82·0	84·8	86·3	23·0	63·3	5th	90·3	40·0	30th & 31st.	50·3
November	65·4	75·0	79·5	80·6	28·7	52·0	13th	85·6	39·9	18th	45·7
December	62·3	69·7	75·9	77·1	27·0	50·1	8th	84·0	44·4	30th	39·6
Year	75·6	81·4	86·1	88·2	23·5	64·7	...	111·8	75·5	...	36·3

* Mean of 27 days.

26. DURBHUNGA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	64·3	66·5	74·3	75·6	21·4	54·2	5th	78·9	33·1	27th	45·8
February	?	70·9	80·5*	81·6*	?	Imperfect.	25th	87·9	?	...	?
March	?	81·0	88·5	90·0	?	Not recorded.	28th & 31st.	98·4	?	...	?
April	?	87·2	95·5	96·3	?		13th	103·9	?	...	?
May	?	87·6	95·1	95·8	?		9th	105·9	?	...	?
June	?	85·4	88·8	91·1	?		2nd	99·2	?	...	?
July	81·9	83·6	85·6	87·7	10·1	77·6	1st	94·9	19·4	18th & 25th.	75·5
August	81·2†	84·0†	84·9†	87·5†	10·6†	76·9†	10th	90·9	18·9	3rd	72·0
September	82·3	84·6	86·8	88·4	11·0	77·4	7th	94·9	28·4	28th	66·5
October	78·2†	81·7	84·0†	85·5	14·4	71·1	4th & 6th.	90·9	29·1	31st	61·8
November	70·0‡	75·1‡	78·9‡	80·6‡	21·1	59·5‡	1st & 12th.	82·9	26·9	15th	56·0
December	64·1	67·3	72·9	74·5	21·1	53·4	10th	78·9	32·0	28th	46·9
Year	?	79·6	84·7	87·1	?	?	...	105·9	60·1	...	45·8

* Mean of 27 days.

† Mean of 30 days.
‡ „ „ 28 „

27. PATNA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	62·9	67·1	73·3	75·1	22·9	52·2	23rd	78·9	35·6	29th	43·3
February	67·5	72·7	80·6	82·1	28·5	53·7	25th	89·9	44·5	2nd	45·4
March	78·8	83·6	89·5	91·8	25·9	65·9	28th	100·5	42·7	1st	57·8
April	87·3	90·0	97·9	101·1	27·4	73·7	13th	109·2	42·5	6th	66·7
May	87·0	90·3	97·4	99·8	23·1	76·7	9th	112·1	44·1	14th	68·0
June	85·4	87·5	91·7	95·2	16·3	78·9	5th	108·0	33·4	10th	74·6
July	81·9	83·5	85·4	87·4	8·6	78·8	1st	96·1	20·9	13th & 18th.	75·2
August	81·9	83·3	85·0	87·5	9·1	78·4	15th	92·2	19·4	26th	72·8
September	82·5	85·0	86·3	89·1	10·7	78·4	8th	95·0	27·0	28th	68·0
October	77·9	81·5	83·9	85·7	14·1	71·6	3rd	91·9	29·8	31st	62·1
November	68·9	74·2	78·6	80·1	20·9	59·2	5th, 6th & 12th.	81·9	29·1	18th	52·8
December	63·1	67·2	72·3	74·2	21·1*	53·1*	10th	79·7	32·8	29th	46·9
Year	77·1	80·5	85·2	87·4	19·1	68·4	...	109·2	65·9	...	43·3

* Mean of 30 days.

28. HAZARIBAGH (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	61·7	67·2	71·9	74·1	22·7	51·4	19th	80·7	37·8	27th	42·9
February	68·2	72·1	80·0	81·4	25·5	55·9	16th	88·0	41·2	1st & 2nd	46·8†
March	76·4	80·8	86·2	88·3	23·5	64·8	28th	97·5	40·6	10th	56·9
April	85·8	91·0	95·9	98·4	24·7	73·7	24th	104·6	38·3	27th	66·3
May	86·6	91·8	96·6	99·6	24·2	75·4	12th	106·2	43·1	15th	63·1
June	81·8	84·2	87·3	90·3	14·9	75·4	3rd & 5th	103·5	33·2	25th	70·3
July	76·6	78·0	79·6	82·4	9·6	72·8	3rd	87·3	17·0	28th	70·3
August	76·2	78·5	79·6	82·7	10·6	72·1	4th	86·1	17·4	29th	68·7
September	77·1	79·7	81·6	84·4	12·7	71·7	9th	90·9	26·4	28th	64·5
October	72·5	76·7	79·0	81·3	15·7	65·6	5th	86·5	27·5	27th	59·0
November	66·2	71·0	75·3	77·1	20·3	56·8	20th	79·3	27·3	17th	52·0
December	62·0	66·1	70·7	73·0	20·3	52·7	8th & 9th	79·3	35·7	29th	43·6
Year	74·3	78·1	82·0	84·4	18·7	65·7	...	106·2	63·3	...	42·9

† Mean of 21 days.

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

29. DARJEELING (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.*	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	42·1	42·1*	43·3	53·4	17·6	35·8	18th	54·1	25·0	28th	29·1
February .	45·4	46·4	48·6	52·9†	14·7	38·2	12th	55·7	22·2	4th	33·5
March .	48·9*	52·8*	53·1*	57·5*	14·3	43·2	25th	64·1	27·9	10th	36·2
April .	54·8‡	57·7§	58·4‡	62·1‖	12·7	49·4§	25th	67·0	25·5	28th	41·5
May .	56·4	57·4¶	59·6	62·0	10·0	52·0	9th	69·3	23·2	14th	46·1
June .	59·4§	60·9¶	61·8§	63·9§	8·1	55·8¶	30th	68·5	14·8	1st	53·7
July .	60·4¶	61·7	62·4¶	64·8¶	7·6	57·2	1st	70·7	15·1	14th & 31st	55·6
August .	59·7¶	61·7	61·8*	62·1¶	5·8	56·3	9th	69·7	14·8	31st	54·9
September .	57·8‡	59·9¶	60·1‡	62·7‡	8·4	54·3¶	18th	68·5	22·3	28th	46·2
October .	57·5‖	56·7	57·4‖	59·7‖	10·3	49·4	3rd	64·7	22·0	31st	42·7
November .	47·3¶	51·8¶	51·4¶	54·3¶	12·5	41·8¶	26th	59·0	21·1	21st	37·9
December .	40·2	42·9	43·7	45·9	10·3	35·6	30th	51·6	18·3	16th	33·3
Year .	52·5	54·3	55·1	58·4	11·0	47·4	...	70·7	41·6	...	29·1

30. PEDONG (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	*Not recorded.*										
February .											
March .											
April .											
May .											
June .											
July .											
August .	Imperfect.										
September .	67·4	69·9	70·2	72·8	9·6	63·2	17th	78·4	22·9	28th	55·5
October .	63·2	67·0	66·5	69·6	11·2	58·4	10th	74·1	20·8	24th	53·3
November .	55·9	61·2§	59·8¶	63·8	13·9	49·9	11th	66·2	20·4	21st	45·8
December .	51·5	55·3‖	54·8§	58·0§	11·2§	46·5§	10th	61·2	17·3	21st	43·9
Year .	?	?	?	?	?	?	...	?	?	...	?

* Mean of 30 days.
† ,, ,, 21 ,,
‡ ,, ,, 26 ,,

§ Mean of 28 days.
‖ ,, ,, 27 ,,
¶ ,, ,, 29 ,,

31. BERHAMPORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	65·4	67·3	75·9	77·2	22·0	55·2	25th	81·6	34·5	28th	47·1
February .	69·4	73·2	83·6	84·7	29·3	55·4*	26th & 27th.	92·2	44·6	6th	47·6
March .	80·0	83·0	91·8	94·6	27·5	67·1	25th & 26th.	103·2	46·5	1st & 8th	56·7
April .	85·4	86·7	97·0	98·9	24·2	74·7	12th & 13th.	106·7	40·5	28th	66·2
May .	85·2	87·2	94·3	97·0	20·6	76·4	9th	108·2	40·0	20th	68·2
June .	83·3	86·0	87·6	92·6	14·7	77·9	5th	100·2	26·9	9th	73·3
July .	81·4	83·4	84·3	88·4	11·0	77·4	1st	92·7	18·4	18th	74·3
August .	81·8	82·8	85·1	87·3	9·1	78·2	5th	90·6	14·3	6th, 11th, 12th, 17th, 22nd & 31st.	76·3
September .	82·1	83·4	85·0	88·2	10·1	78·1	5th & 7th	92·7	20·4	29th	72·3
October .	78·6	80·8	83·2	85·1	11·9	73·2	3rd & 10th.	90·1	25·4	28th	64·7
November .	71·8	74·7	78·9	80·5	17·1	63·4	5th	83·1	23·9	26th & 27th	59·2
December .	65·7	68·8	74·7	76·1	20·2	55·9	10th	82·1	32·5	28th	49·6
Year .	77·5	79·8	85·1	87·6	18·1	69·4	...	108·2	31·9	...	76·3

32. BURDWAN (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	67·0	68·5	77·4	80·2	24·3	55·9	19th	85·5	38·8	28th	46·7
February .	71·0	75·1	84·7	86·8	29·6	57·2	26th	93·8	45·5	3rd & 4th	48·3
March .	81·5	84·0	92·1	94·9	25·3	69·6	26th	107·5	49·1	1st	58·4
April .	87·2	88·8	97·9	100·8	23·9	76·9	24th	108·7	41·3	28th	67·4
May .	87·7	88·9	96·6	99·9	21·1	78·8	9th	109·2	37·8	15th	71·4
June .	83·6	85·8	88·0	92·3	13·9	78·4	5th	99·7	25·3	6th & 9th	74·4
July .	82·9	83·8	85·9	89·4	10·3	79·1	5th	94·1	17·2	29th	76·9
August .	83·0	83·9	85·8	89·4	10·3	79·1	5th	92·4	15·5	6th	76·9
September .	82·9	84·4	85·8	90·0	11·6	78·4	4th	95·4	20·5	27th	74·9
October .	80·1	81·8	84·3	87·0	12·2	74·8	6th	91·8	24·4	27th	67·4
November .	72·3	75·0	79·7	82·1	18·3	63·8	8th	85·3	27·7	16th	57·6
December .	67·1	70·1	76·2	78·6	21·8	56·8	10th	85·1	34·8	28th & 29th.	50·3
Year .	78·9	80·8	86·2	89·3	18·6	70·7	...	109·2	62·5	...	46·7

* Mean of 27 days.

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

33. CALCUTTA (ALIPORE) (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	65·9	69·4	76·3	77·0	20·5	56·5	24th	81·7	34·1	28th	47·6
February .	70·9	74·5	82·7	83·5	24·0	59·5	26th	90·8	40·1	12th	50·7
March .	80·6	82·7	90·3	91·5	20·4	71·1	29th	100·8	38·0	1st	62·8
April . .	85·1	87·7	92·3	95·1	18·6	76·5	24th	105·6	38·4	28th	67·2
May . .	85·8	88·2	92·2	95·3	18·2	77·1	8th	105·4	38·2	16th	67·2
June . .	83·5	86·0	85·8	89·7	11·7	78·0	1st	95·7	24·3	6th	71·4
July . .	82·2	83·0	83·9	87·0	9·4	77·7	18th	90·1	14·9	28th	75·2
August .	81·7	83·3	83·4	86·9	9·8	77·0	4th & 18th	89·8	15·2	22nd	74·6
September .	81·7	83·9	83·6	87·5	10·7	76·8	5th	92·7	20·9	27th	71·8
October .	78·6	81·4	82·6	84·6	11·4	73·2	3rd	89·7	22·8	27th	66·9
November .	71·0	75·5	78·9	80·1	17·4	62·7	4th & 9th	82·7	25·3	16th	57·4
December .	66·4	70·6	76·3	77·4	20·6	56·8	10th	83·5	36·0	29th	47·5
Year . .	77·8	80·5	84·0	86·3	16·1	70·2	...	105·6	58·1	...	47·5

34. SAUGOR ISLAND (*corrected*).

MONTH.	Mean.	10 hours.	16 hours	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	67·4	70·9	74·5	76·0	15·6	60·4	24th	81·8	30·1	29th	51·7
February .	72·4	75·0	79·2	81·7	16·5	65·2	27th	88·3	34·5	12th	53·8
March .	79·9	82·6	84·1	87·1	10·7	76·4	29th	97·4	27·6	10th	69·8
April . .	84·3	87·7	87·8	91·3	10·7	80·6	25th	95·5	22·6	28th	72·9
May . .	85·5	89·6	90·1	93·0	12·9	80·1	13th	96·0	26·0	19th	70·0
June . .	84·8	87·3	87·6	90·2	8·5	81·7	12th	93·4	18·2	6th	75·2
July . .	82·4	83·6	84·7	86·6	6·4	80·2	19th	91·1	15·1	6th	76·0
August .	82·5	84·6	85·2	87·4	7·9	79·5	5th	91·2	14·3	11th	76·9
September .	83·0	84·9	85·3	88·6	8·7	79·9	12th	92·1	17·1	25th & 26th.	75·0
October .	79·4	82·4	82·8	85·1	9·3	75·8	8th	89·6	19·6	27th	70·0
November .	72·3	76·6	78·3	80·3	14·3	66·0	5th	84·8	24·9	30th	59·9
December .	68·5	72·6	75·3	77·0	15·3	61·7	13th	81·8	28·5	30th	53·3
Year . .	78·5	81·5	82·9	86·2	11·4	74·0	...	97·4	45·7	...	51·7

35. DACCA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	67·7	70·7	76·4*	78·7*	22·1	56·6	19th	81·1	32·7	28th	48·4
February .	70·9	75·0	82·6	84·1	26·3	57·8	26th	90·4	42·0	7th	48·4
March .	79·1	82·2	87·8	90·5	21·1	69·4	31st	98·7	38·8	10th	59·9
April . .	81·6	84·8	89·3	92·1	19·0	73·1	1st	98·3	32·1	18th	66·2
May . .	81·7	85·3	86·1	90·6	16·1	74·5	8th	97·1	31·5	16th	65·6
June . .	82·0	84·8	84·2	88·8	12·0	76·8	2nd & 4th	92·4	22·4	1st	70·0
July . .	81·2	82·1	83·6	86·5	9·6	76·9	1st	91·3	18·2	5th	73·1
August .	81·6	83·0	83·2	86·8	9·1	77·7	17th	89·9	14·5	8th	75·4
September .	83·7	85·3	85·6	89·3	9·9	79·4	7th	97·9	23·5	27th	74·4
October .	79·9	82·5	83·2	86·5	12·2	74·3	10th	92·0	24·6	28th	67·4
November .	73·3	77·2	80·0	82·6	18·8	63·8	2nd to 4th & 18th.	84·0	26·7	30th	57·3
December .	67·3	70·2	75·0	77·4	20·6	56·8	10th	81·1	31·0	28th	50·1
Year . .	77·5	80·3	83·1	86·2	16·4	69·8	...	98·7	50·3	...	48·4

36. CHITTAGONG (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	67·9	70·6	75·2	78·7	20·8	57·9	18th, 19th, 22nd & 31st	81·1	30·8	28th	50·3
February .	70·7	74·7	80·3	84·9	25·7	58·3	20th	89·0	37·6	7th	51·4
March .	78·4	82·2	83·5	87·1	16·5	70·6	5th	89·8	26·4	8th	63·4
April . .	80·9	85·4	85·8	88·7	14·6	74·1	19th	91·2	22·4	17th	68·8
May . .	82·3	85·8	86·9	90·0	13·7	76·3	8th	94·5	23·8	31st	70·7
June . .	81·2	84·4	84·4	87·0	9·8	77·2	6th	90·1	15·1	1st	75·0
July . .	?	80·8	81·5	86·6	Imperfect		1st	91·0	?	...	?
August .	78·3	81·8	81·6	86·8	13·7	73·1	24th	87·8	15·8	18th to 20th.	72·0
September .	81·1	83·4	83·7	87·2	10·0	77·2	11th, 17th & 30th.	89·7	15·8	23rd	73·9
October .	79·7	82·4	83·0	86·5	12·0	74·5	2nd & 6th	90·7	20·9	28th	69·8
November .	?	76·3	78·5	82·5	Imperfect		2nd	85·7	?	...	?
December .	68·7	70·2	73·5	77·3	16·1	61·2	10th	81·2	26·8	21st	54·4
Year . .	?	79·9	81·5	85·2	?	?	...	94·5	44·2	...	50·3

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* Mean of 30 days.

37. DEMAGIRI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	66·1	67·0	75·2	76·4	20·0	56·4	5th	81·0	36·4	28th	44·6
February .	63·2	68·1	77·9	79·4	31·5	47·9	26th	85·9	41·8	6th	44·1
March .	71·9	76·8	82·7	84·0	23·6	60·4	31st	89·1	37·8	1st	51·3
April .	75·7	82·2	86·1	88·0	23·6	64·4	26th	92·9	34·8	6th	58·1
May . .	79·8	83·8	87·2	89·3	18·0	71·3	6th	95·1	32·4	3rd	62·7
June . .	81·4	83·7	84·6	87·3	10·4	76·9	2nd	91·3	16·7	25th	74·6
July . .	79·5	81·9	81·6	84·4	8·4	76·0	1st	90·1	15·7	31st	74·4
August .	79·5	81·5	81·8	84·3	8·5	75·8	4th & 13th.	87·7	14·2	25th	73·5
September .	80·3	82·6	83·8	85·5	9·6	75·9	6th	88·9	17·7	25th	71·2
October .	79·1	80·9	83·9	84·7	10·8	73·9	10th	88·1	17·5	11th & 31st.	70·6
November .	72·4	73·9	79·6	80·3	15·5	64·8	2nd	84·1	24·3	7th	59·8
December .	66·1	65·2	75·4	75·9	19·4	56·5	11th	80·5	28·4	31st	52·1
Year . .	74·6	77·3	81·7	83·3	16·6	66·7	...	95·1	51·0	...	44·1

38. TURA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	?	65·5	70·7	73·3	?	Rejected.	4th	80·4	?	...	?
February .	?	71·0	77·3	79·6	?		27th	85·1	?	...	?
March .	?	77·1	84·3	86·6	?		25th	95·4	?	...	?
April .	?	79·2	84·1	87·2	?		1st	94·3	?	...	?
May . .	?	78·9	82·5	86·0	?		8th	91·8	?	...	?
June . .	?	78·9*	81·6*	83·7	?		2nd	87·4	?	...	?
July . .	?	78·9	81·0	83·6	?		1st	90·8	?	...	?
August .	?	78·3	80·1	82·8	?	Not recorded.	4th & 5th.	87·4	?	...	?
September .	?	78·8	79·6	83·7	?	Imperfect.	17th	88·2	?	...	?
October .	74·8	77·0	78·0	82·1	12·5	69·6	10th	87·9	23·0	30th & 31st.	64·9
November .	71·6	71·4	75·8	77·8	11·5	66·3	6th & 13th.	79·4	18·0	18th	61·4
December .	69·0	67·3	69·3	72·3	11·5	60·8	2nd	74·4	19·2	28th	55·2
Year . .	?	75·2	78·7	81·6	?	?	...	95·4	?	...	?

* Mean of 29 days.

39. DHUBRI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	63·2	63·3	72·5	73·4	17·8	55·6	5th	79·3	28·7	28th	50·6
February .	67·4	67·6	80·5	81·2	24·5	56·7	26th	87·6	35·9	3rd	51·7
March .	75·8	76·7	88·2	89·4	24·7	64·7	28th	97·6	41·4	1st	56·2
April . .	77·5	78·4	84·8	86·6	16·0	70·6*	1st	97·7	32·1	19th	65·6
May . .	78·2	79·9	84·6	86·3	12·6	73·7	9th	92·7	24·0	13th & 17th.	68·7
June . .	77·6	78·9	81·1	82·9	8·1	74·8	2nd	90·2	19·9	7th	70·3
July . .	80·1	81·1	82·7	84·9	7·5	77·4	20th	89·1	13·1	16th	76·0
August .	79·2	80·8	82·0	84·1	7·0	77·1	14th	89·5	15·2	30th	74·3
September .	78·1	79·4	82·2	83·4	7·7	75·7	18th	89·7	21·1	28th	68·6
October .	76·1	77·3	81·2	82·5	10·9	71·6	10th	87·2	25·3	15th	61·9
November .	68·7	70·7	77·3	78·2	15·9	62·3	12th	82·0	26·0	28th	56·0
December .	63·8	64·0	72·2	73·5	17·8	55·7	11th	77·5	24·5	18th	53·0
Year . .	73·8	74·8	80·8	82·2	14·2	68·0	...	97·7	47·1	...	50·6

* Mean of 29 days.

40. SIBSAGAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	60·2	60·0	68·7	69·8	17·2	52·6	11th & 22nd	73·6	31·4	31st	42·2
February .	63·6	65·0	74·3	75·8	21·5	54·3	25th	80·1	37·5	1st	42·6
March .	66·9	69·0	76·1	77·9	19·3	58·6	26th	85·6	31·4	9th	54·2
April . .	74·6	76·6	82·4	83·7	16·2	67·5	25th	92·6	30·3	7th	62·3
May . .	79·0	82·2	86·4	88·1	15·7	72·4	6th	95·6	32·0	11th	63·6
June . .	80·8	81·6	86·8	88·3	12·2	76·1	30th	93·0	20·9	6th	72·1
July . .	82·1	82·8	87·6	88·5	11·2	77·3	1st	97·0	21·5	10th, 18th, 26th & 31st.	75·5
August .	81·5	81·9	86·9	87·7	10·4	77·3	6th	94·6	20·3	30th	74·3
September .	79·8	82·0	85·9	87·1	12·0	75·1	17th	94·3	26·9	23rd	67·4
October .	76·1	78·8	82·3	83·5	12·7	70·8	1st	90·1	26·3	31st	63·8
November .	66·5	68·4	75·6	77·1	18·8	58·3	11th	81·3	32·0	29th	49·3
December .	58·1	59·5	67·3	68·9	17·8	51·1	7th	74·1	27·0	20th	47·1
Year . .	72·4	74·0	80·0	81·4	15·4	66·0	...	97·0	54·8	...	42·2

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

41. SILCHAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	66·1	67·8	76·6	78·9	23·2	55·7	4th	83·8	35·3	28th	48·5
February	69·3	72·0	82·1	84·0	27·5	56·5	23rd	89·4	41·9	4th	47·5
March	73·6	75·8	81·6	84·3	19·5	64·8	31st	90·5	35·1	8th	55·4
April	77·5	79·5	84·4	86·6	16·7	69·9	27th	91·6	28·7	7th	62·9
May	80·0	82·6	87·1	88·8	16·1	72·7	6th to 8th	96·6	34·2	10th	62·4
June	80·7	83·3	83·7	88·8	12·8	76·0	30th	93·5	21·0	6th	72·5
July	81·4	83·0	85·3	88·6	12·2	76·4	1st	94·4	20·1	31st	74·3
August	81·2	82·6	84·1	87·5	11·3	76·2	11th	92·9	19·3	31st	73·6
September	81·3	83·2	87·4	89·7	14·8	74·9	16th	95·6	29·2	24th	66·4
October	79·4	81·8	86·2	88·5	15·9	72·6	9th	94·3	28·0	31st	66·3
November	71·1	74·4	82·2	84·6	24·5	60·1	4th	86·7	35·3	30th	51·4
December	64·6	66·7	75·9	78·2	24·8	53·4	31st	81·4	31·4	24th	50·0
Year	75·5	77·7	83·1	85·7	18·3	67·4	...	96·6	49·1	...	47·5

42. FALSE POINT (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	67·5	73·7	77·0	79·2	21·6	57·6	20th	85·7	39·3	30th	46·4
February	71·7	78·7	80·4	83·4	21·1	62·3	22nd	89·3	39·4	2nd	49·9
March	78·4	84·5	83·7	87·3	13·7	73·6	26th	93·9	27·5	3rd	66·4
April	82·3	87·1	86·3	89·1	10·5	78·6	26th	94·7	21·9	27th	72·8
May	83·7	88·8	88·6	91·1	12·9	78·2	31st	94·1	24·1	15th	70·0
June	83·1	86·3	86·2	88·9	9·2	79·7	5th	92·4	17·5	29th	74·9
July	80·7	83·5	83·8	86·4	9·1	77·3	4th	94·3	21·3	8th	73·0
August	81·1	84·0	84·7	86·5	9·1	77·4	31st	91·6	16·7	12th	74·9
September	81·3	85·2	85·3	87·3	10·2	77·1	6th	93·8	20·0	24th	73·8
October	78·7	83·7	82·9	85·5	11·3	74·2	6th	89·4	19·3	22nd	70·1
November	71·8	78·6	78·9	81·5	17·3	64·2	9th	85·0	28·7	28th	56·3
December	69·6	77·2	77·7	80·8	20·1	60·7	11th	85·1	33·0	31st	52·1
Year	77·5	82·6	83·0	85·6	13·8	71·7	...	94·7	48·3	...	46·4

43. CUTTACK (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	70·2	73·6	82·7	83·5	25·0	58·5	23rd	88·9	38·0	28th & 30th	50·9
February	77·3	79·4	90·5	91·5	26·3	65·2	27th	98·4	44·5	1st	53·9
March	83·1	86·5	93·9	96·8	22·9	73·9	26th	106·4	39·6	3rd	66·8
April	87·7	92·1	97·9	101·9	23·1	78·8	25th & 30th	110·4	38·1	28th	72·3
May	89·6	94·3	99·1	103·2	22·4	80·8	9th	111·4	38·6	15th	72·8
June	84·5	89·0	89·0	93·3	13·9	79·4	1st	103·4	27·1	6th	76·3
July	81·9	84·8	85·3	88·4	10·5	77·9	4th	94·9	21·6	2nd	73·3
August	82·6	82·8	86·6	89·1	11·0	78·1	31st	92·9	17·1	27th	75·8
September	82·5	86·0	85·3	89·8	11·8	78·0	5th & 10th	95·4	20·6	26th	74·8
October	80·9	84·6	85·8	88·8	13·6	75·2	6th	93·9	23·6	23rd	70·3
November	74·2	78·4	82·0	84·5	19·0	65·5	7th	87·9	29·1	30th	58·8
December	73·5	76·9	83·4	85·1	21·8	63·3	9th	89·4	34·5	30th	54·9
Year	80·7	84·0	88·5	91·3	18·4	72·9	...	111·4	60·5	...	50·9

44. SAMBALPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	67·3	68·6	80·8	82·2	27·6	54·5	25th & 26th	85·9	41·7	30th	44·2
February	Untrustworthy.										
March	82·5	85·3	93·3	95·6	25·2	70·4	30th	104·5	41·3	7th & 8th	63·2
April	89·7*	93·6*	101·6†	104·2†	27·2*	76·7*	23rd	110·8	43·6	2nd	67·2
May	94·0‡	97·2	105·8	108·3	26·5‡	81·7‡	2nd & 3rd	112·4	41·3	15th	71·1
June	86·9	89·1	91·6	96·1	14·4	81·7	1st	110·8	35·1	29th	75·0
July	79·6	80·3	82·0	85·3	9·3	76·0	5th	92·1	19·6	6th & 7th	72·5
August	80·7	81·4	83·2	86·7	10·5	76·2	5th	92·8	19·3	24th	73·5
September	81·9	84·3	85·0	89·1	12·1	77·0	6th	93·7	21·2	29th	72·5
October	80·0	83·0	85·7	88·9	17·3	71·6	2nd & 3rd	91·7	29·6	27th	62·1
November	73·5	76·5	82·3	84·5	21·9	62·6	8th	88·3	33·8	19th	54·5
December	71·6	75·2	82·0	84·7	23·9	60·8	9th	88·0	39·8	31st	48·2
Year	?	?	?	?	?	?	...	112·4	68·2	...	44·2

* Mean of 27 days.
† ,, ,, 28 ,,
‡ ,, ,, 29 ,,

45. RAIPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	66·7	71·5	80·4	81·7	27·9	53·8	19th	87·9	41·0	30th	46·9
February	74·8	79·1	88·7	89·9	29·0	60·9	21st	95·0	45·7	1st	49·3
March	84·3	87·0	94·7	96·4	25·1	71·3	31st	104·9	42·2	7th	62·7
April	90·8	95·1	100·9	103·9	26·3	77·5	30th	109·4	43·9	27th	65·5
May	95·5	101·6	105·7	109·8	27·2	82·7	26th	113·9	38·4	19th	75·5
June	84·4	86·0	91·9	94·2	16·6	77·6	1st	109·1	36·5	29th	72·6
July	78·3	79·1	81·6	83·7	9·8	73·9	5th	91·1	19·5	29th	71·6
August	79·3	79·4	82·9	85·1	11·2	73·9	4th	90·1	20·2	23rd	69·9
September	79·8	82·1	83·8	86·7	12·3	74·4	10th	92·1	24·2	28th	67·9
October	78·4	82·2	85·8	87·4	18·8	68·6	5th	91·3	30·6	29th	60·7
November	72·3	75·5	81·5	83·0	22·4	60·6	14th	86·5	33·5	29th	53·0
December	69·9	74·1	80·5	82·1	22·5	59·7	21st	85·9	36·0	31st	49·9
Year	79·5	82·7	88·2	90·3	20·8	69·6	...	113·9	67·0	...	46·9

46. KHANDWA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	65·9	74·3	83·9	85·1	36·4	48·7	21st	90·9	48·9	26th & 27th.	42·0
February	73·9	80·1	90·1	91·5	34·2	57·3	23rd	96·9	47·9	5th	49·0
March	82·0	85·6	94·0	96·0	27·8	68·2	21st	101·7	42·6	1st	59·1
April	90·7	95·0	102·0	104·4	28·1	76·3	22nd & 23rd.	110·7	43·5	26th	67·2
May	93·7	95·9	105·2	107·2	25·9	81·3	1st & 5th	111·2	35·6	8th	75·6
June	85·8	86·5	92·8	95·7	18·0	77·8	2nd	107·2	34·5	19th	72·7
July	79·5	80·0	84·2	85·7	10·8	74·9	1st	89·7	18·8	26th	70·9
August	78·3	78·8	82·5	84·7	10·5	74·1	6th	89·7	17·0	3rd & 11th.	72·7
September	80·5	81·1	86·2	88·9	14·0	74·9	9th	98·2	27·0	26th	71·2
October	77·1	84·2	89·3	91·3	26·2	65·1	16th	94·4	45·2	31st	49·2
November	71·8	79·4	86·1	87·6	30·8	56·8	15th	91·7	44·0	1st	47·7
December	69·7	75·2	83·1	85·0	28·6	56·5	20th	87·7	40·1	31st	47·6
Year	79·1	83·0	99·0	91·9	24·3	67·7	...	111·2	69·2	...	42·0

47. HOSHANGABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	64·8	65·7	80·6	81·5	31·7	49·8	12th, 18th, 19th & 20th	85·3	41·7	30th	43·6
February	72·6	73·8	87·4	88·3	30·7	57·7	25th	93·4	44·1	1st	49·3
March	81·2	83·8	93·9	94·9	27·8	67·1	23rd	101·5	40·7	7th	60·8
April	89·9	93·6	102·6	103·9	29·3	74·6	22nd	109·5	43·2	27th	66·3
May	94·4	97·7	106·9	108·1	26·6	81·5	25th	111·3	36·8	10th	74·5
June	86·4	85·8	93·8	95·5	17·1	78·5	2nd & 3rd.	106·5	33·3	20th	73·2
July	78·3	78·3	82·7	84·2	10·3	73·9	8th	89·5	17·8	26th	71·7
August	77·6	78·0	81·6*	84·0*	10·5*	73·5	27th	87·8	16·6	30th	71·2
September	78·9	81·1	84·9	88·0	15·2	72·8	9th	95·9	27·1	26th & 29th.	68·8
October	76·1	81·2	86·6	88·8	23·3	65·6	7th & 9th.	91·3	39·5	30th	51·8
November	71·1	74·2	82·8	84·4	26·0	58·5	14th	87·3	34·5	29th & 30th.	52·8
December	68·6	70·4	80·0	81·9	24·4	57·5	6th	84·9	34·6	31st	50·3
Year	78·3	80·3	88·7	90·3	22·7	67·6	...	111·3	67·7	...	43·6

48. JUBBULPORE (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	60·2	64·3	77·6	78·7	35·2	43·6	18th	85·1	50·7	27th	34·4
February	67·7†	72·4†	84·4	85·3	34·5†	50·8†	15th	89·9	51·0	1st	38·9
March	?	81·1	90·2	91·6	?	Untrustworthy	31st	99·0	?	...	?
April	85·7	92·6	99·2	101·2	32·0	69·2	23rd	108·6	47·8	2nd	60·8
May	92·2	98·3	104·9	107·1	28·6	78·5	25th	110·6	40·5	8th	70·1
June	85·3	87·0	91·8	95·1	17·6	77·5	2nd & 4th.	106·0	33·9	26th	72·1
July	77·2	77·7	80·5	82·7	9·3	73·5	1st	86·7	15·6	24th & 27th.	71·1
August	77·0	78·0	81·0	83·0	9·7	73·3	7th & 8th.	87·2	17·6	23rd	69·6
September	78·2	81·2	82·6	88·3	16·0	72·4	10th	95·8	31·6	28th	64·2
October	73·5*	79·5	84·3	86·2	23·4*	62·8*	5th	90·5	43·1	31st	47·4
November	66·7	72·0	80·2	81·8	29·4	52·4	13th	85·3	39·4	19th	45·9
December	65·0‡	68·9	77·7	79·3	26·9‡	52·5‡	7th & 8th.	83·9	41·5	31st	42·4
Year	?	79·4	86·2	88·4	?	?	...	110·6	76·2	...	34·4

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* Mean of 30 days.

† Mean of 27 days.

‡ „ „ 29 „

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

49. NAGPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	68·0	72·6	83·0	84·5	30·9	53·6	22nd	91·4	45·1	27th	46·3
February .	75·9	79·7	90·1	92·3	31·1	61·1	19th	96·7	45·4	1st	51·3
March .	84·7	87·6	95·4	98·4	27·7	70·6	31st	106·0	42·6	7th	63·4
April .	90·9	95·6	101·1	104·7	27·4	77·2	30th	110·8	45·6	27th	65·2
May . .	97·6	103·0	109·1	111·6	27·4	84·2	26th	115·2	38·7	10th	76·5
June . .	84·7	86·9	92·0	95·4	18·0	77·4	6th	107·2	35·1	20th	72·1
July . .	78·8	79·6	82·0	84·8	10·8	74·0	8th	91·2	19·9	15th	71·3
August .	79·6	80·9	82·9	86·3	12·4	74·0	31st	90·2	19·4	30th	70·8
September .	79·5	82·0	83·1	88·1	14·6	73·5	2nd	94·0	26·8	28th	67·2
October .	78·5	83·2	87·1	89·6	22·5	67·1	7th, 8th & 16th.	92·4	34·0	31st	58·4
November .	72·9	76·3	82·1	83·9	22·8	61·0	4th	88·6	33·8	28th	54·8
December .	69·9	73·6	79·1	81·5	20·8	60·7	21st	84·4	30·2	31st	54·2
Year . .	80·1	83·4	88·9	91·8	22·2	69·5	...	115·2	68·9	...	46·3

50. CHANDA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	65·8	71·2	82·9	85·1	36·2	48·9	22nd	90·1	47·3	30th & 31st.	42·8
February .	75·4	80·6	92·0	94·0	35·6	58·3	19th	98·1	51·6	1st	46·5
March .	85·3	88·6	97·9	100·2	30·6	69·6	31st	107·0	44·4	12th	62·6
April .	92·2	95·2	103·8	106·7	29·1	77·5	23rd	110·3	43·6	1st	66·7
May . .	97·8	102·7	110·7	112·5	29·1	83·4	25th	115·9	39·6	5th	76·3
June . .	85·1	87·5	92·6	96·2	18·5	77·6	1st	114·1	42·3	18th	71·8
July . .	78·9	80·4	82·4	85·1	11·2	74·0	4th	92·9	20·7	11th	72·2
August .	80·6	82·2	84·2	87·3	12·9	74·8	28th	92·8	20·4	10th	72·4
September .	80·1	82·6	84·1	88·3	14·3	74·0	4th	93·8	24·2	28th	69·6
October .	78·4	83·0	87·0	89·5	22·5	67·0	17th	92·5	34·2	30th	58·3
November .	72·9	76·8	82·5	85·1	25·0	60·1	5th	88·4	37·9	30th	50·5
December .	71·2	76·6	81·8	84·5	24·1	60·4	11th	88·5	41·4	31st	47·1
Year . .	80·3	84·0	90·2	92·9	24·1	68·8	...	115·9	73·1	...	42·8

51. SIRONCHA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	68·5	72·4	83·4	85·0	30·8	54·2	22nd	89·8	43·0	31st	46·8
February .	77·5	80·2	91·5	93·0	29·6	63·4	19th	97·2	47·8	1st	49·4
March .	87·5	86·8	97·8	100·0	25·7	74·3	31st	107·9	40·4	2nd	67·5
April . .	92·6	90·1	102·5	104·5	24·5	80·0	30th	109·4	37·3	2nd	72·1
May . .	97·9	96·5	107·8	111·2	25·5	85·7	25th	114·9	36·0	9th	78·9
June . .	84·8	85·1	90·6	93·3	13·8	79·4	1st	107·3	33·6	19th	73·7
July . .	79·9	79·6	83·8	85·9	11·0	74·9	5th	94·3	23·3	15th	71·0
August .	80·6	80·7	83·0	86·4	10·6	75·8	28th	90·9	17·5	1st & 20th	73·4
September .	80·4	80·9	83·5	87·5	12·1	75·3	5th	92·2	21·2	18th	71·0
October .	81·1	82·1	88·0	90·3	18·9	71·4	3rd & 20th.	91·9	27·1	22nd	64·8
November .	75·2	76·9	82·9	85·1	20·5	64·6	1st	90·7	34·2	30th	56·5
December .	73·7	76·3	82·9	84·8	19·9	64·8	23rd	86·5	33·9	31st	52·6
Year . .	81·6	82·3	89·8	92·3	20·2	72·0	...	114·9	68·1	...	46·8

52. CHIKALDA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	63·8	67·8	73·2	74·8	17·8	56·9	21st	80·4	31·2	26th	49·2
February .	71·4	73·7	79·8	81·3	18·7	62·6	23rd	85·3	30·3	1st	55·0
March .	76·4	75·7	82·6	84·4*	19·0*	65·5	21st	89·9	32·9	5th	57·0
April . .	83·3	84·5	89·6	92·1	19·4	72·7	21st	98·8	38·8	26th	60·0
May . .	84·4	85·5	93·9	95·4	21·4	74·0	1st	98·9	29·4	28th	69·5
June . .	73·7	74·7	78·8	81·5	13·9	67·6	1st	92·6	27·9	29th	64·7
July . .	68·6	67·6	70·5	71·6	6·4	65·2	28th	76·2	14·6	26th	61·6
August .	67·2	67·4	70·8	72·5	8·4	64·1	8th	77·3	16·3	30th	61·0
September .	68·0	68·9	71·8	74·3	10·4	64·0	11th	81·9	21·9	29th	60·0
October .	70·3	74·2	74·5	77·4	12·6	64·7	17th	80·8	21·6	31st	59·2
November .	67·9	71·0	72·7	75·5	15·4	60·1	16th	79·0	24·1	30th	54·9
December .	65·4	68·1	70·9	73·6	15·2	58·4	28th	76·3	24·1	1st	52·2
Year . .	71·7	73·3	77·4	79·5	14·9	64·7	...	98·9	49·7	...	49·2

* Mean of 30 days.

53. BULDANA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	69·5	75·6	80·6	82·5	23·7	58·8	21st	88·3	35·5	27th	52·8
February .	76·1	82·8	86·8	89·5	24·8	64·7	24th	93·6	36·7	3rd	56·9
March .	82·0	84·2	90·0	93·0	22·4	70·6	20th & 23rd.	98·5	35·9	8th	62·6
April .	88·7	92·6	96·6	100·5	23·2	77·3	22nd	106·9	42·1	26th	64·8
May .	90·1	92·3	99·8	102·9	24·6	78·3	2nd	107·0	33·6	10th	73·4
June .	78·9	81·8	86·0	89·2	17·2	72·0	3rd	100·3	31·8	19th	68·5
July .	75·0	76·9	78·0	82·0	12·1	69·9	4th	85·7	17·5	30th	68·2
August .	74·6	75·8	78·9	81·8	13·5	68·2	28th	84·4	19·4	30th	65·0
September .	75·1	76·6	80·0	83·2	14·6	68·6	9th	91·1	24·9	2nd	66·2
October .	76·7	80·6	82·9	85·6	18·1	67·5	15th & 17th.	88·4	25·9	28th	62·5
November .	72·7	77·9	79·7	83·2	21·0	62·2	15th	86·8	30·3	26th	56·5
December .	70·0	75·4	78·8	81·5	20·5	61·0	11th	85·0	28·2	16th	56·8
Year .	77·5	81·0	84·8	87·9	19·6	68·3	...	107·0	54·2	...	52·8

54. AKOLA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	66·8	73·7	85·3	86·2	36·9	49·3	22nd	91·3	47·0	28th	44·3
February .	74·6	80·7	93·2	94·1	37·9	56·2	23rd & 24th.	97·7	48·6	1st	49·1
March .	84·2	87·6	97·2	98·7	30·2	68·6	23rd	104·1	42·0	1st	62·1
April .	90·9	95·5	104·1	105·4	30·0	75·4	22nd	112·0	47·5	1st	64·5
May .	95·2	98·3	107·5	109·1	27·7	81·4	5th	114·3	37·3	9th	77·0
June .	83·9	86·8	91·8	94·8	18·5	76·3	4th	107·7	35·6	22nd	72·1
July .	78·7	80·6	83·5	85·6	12·7	72·9	4th	90·9	20·9	15th	70·0
August .	79·4	80·4	85·2	87·0	14·9	72·1	28th	91·9	22·2	13th, 30th & 31st.	69·7
September .	80·2	82·6	86·7	89·3	16·8	72·4	9th	96·9	27·2	23rd & 29th.	69·7
October .	78·8	85·4	90·4	92·5	27·9	64·6	6th, 14th & 17th.	95·0	43·3	31st	51·7
November .	73·9	79·2	86·4	87·9	28·8	59·0	4th	91·2	41·1	30th	50·1
December .	71·3	75·4	84·1	85·7	26·8	58·9	11th	89·5	40·0	31st	49·5
Year .	79·8	83·9	91·3	93·0	25·8	67·3	...	114·3	70·0	...	44·3

55. MAKHLA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	66·3	67·3	77·1	78·6	22·4	56·2	21st	83·8	34·4	26th	49·4
February .	73·7	74·3	83·8	86·8	24·2	62·6	23rd	91·8	35·1	1st	56·7
March .	78·4	77·8	87·0	90·0	23·6	66·4	23rd	96·2	36·3	5th	59·9
April .	85·5	87·3	93·4	97·6	23·8	73·8	21st	103·0	39·5	26th	63·5
May .	87·7	89·9	97·1	101·6	26·1	75·5	5th	105·5	34·8	10th	70·7
June .	76·1	77·7	81·5	85·8	15·5	70·3	3rd	97·5	30·1	20th	67·4
July .	70·7	69·8	72·8	75·0	7·5	67·5	28th	78·3	14·7	26th	63·6
August .	70·8	70·2	73·0	75·8	9·2	66·6	28th	80·4	17·7	30th	62·7
September .	71·1	71·9	74·0	78·3	12·2	66·1	10th	84·7	21·5	29th	63·2
October .	72·8	75·4	77·0	82·1	17·6	64·5	7th	84·7	24·9	31st	59·8
November .	69·6	70·6	75·6	78·7	18·4	60·3	14th	82·0	26·3	28th	55·7
December .	66·6	68·6	73·7	76·0	16·5	59·5	9th	78·4	22·8	17th	55·6
Year .	74·1	75·1	80·5	83·9	18·1	65·8	...	105·5	56·1	...	49·4

56. DEESA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	69·8	77·0	86·0	88·2	36·7	51·5	9th	93·7	48·0	28th	45·7
February .	73·4	80·3	88·4	90·5	33·3	57·2	27th	95·3	50·5	5th	44·8
March .	80·5	84·0	91·9	94·7	29·0	65·7	31st	101·4	45·0	6th	56·4
April .	88·8	93·7	102·3	105·6	33·5	72·1	30th	111·6	47·8	2nd	63·8
May .	91·5	92·4	105·6	107·3	30·4	76·9	24th	113·5	43·7	9th	69·8
June .	89·7	90·7	99·2	101·4	21·0	80·3	1st	107·5	32·2	16th	75·3
July .	82·3	82·8	87·0	88·9	12·3	76·7	6th	94·1	22·2	3rd	71·9
August .	79·2	80·3	84·1	86·3	12·7	73·6	7th	92·2	21·7	26th	70·5
September .	82·4	85·3	93·0	94·5	22·4	72·1	10th	100·5	33·5	22nd	67·0
October .	81·8	89·4	96·1	98·5	32·4	66·0	13th	104·6	49·5	31st	55·1
November .	75·1	84·6	89·9	92·4	34·1	58·4	12th	97·7	46·6	16th	51·1
December .	68·5	74·9	82·0	84·7	30·6	54·1	5th	90·5	44·5	17th	46·0
Year .	80·3	84·6	92·1	94·4	27·4	67·1	...	113·5	68·7	...	44·8

57. BOMBAY (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	75·4	75·3	81·1	84·7	16·1	68·6	14th	89·5	23·9	22nd & 27th.	65·6
February .	77·4	78·5	81·8	85·2	14·6	70·6	22nd	89·6	22·0	4th & 9th.	67.6
March .	79·5	81·3	82·7	85·8	11·5	74·3	19th & 24th.	89·4	17·6	6th	71·8
April . .	82·4	84·4	85·6	88·4	10·4	78·0	12th	92·8	18·3	1st	74·5
May . .	84·1	86·2	87·0	89·7	9·7	80·0	2nd	92·2	14·2	10th	78·0
June . .	81·1	82·1	82·9	85·4	7·8	77·6	8th	90·1	15·6	19th	74·5
July . .	79·6	80·6	80·6	83·4	7·1	76·2	8th	85·6	11·1	16th & 17th.	74·5
August .	78·7	79·6	80·2	83·2	7·8	75·4	25th	84·9	10·9	2nd & 18th.	74·0
September .	79·5	81·0	81·4	84·3	8·1	76·2	28th	86·3	13·5	16th	72·8
October .	80·3	82·0	83·6	86·6	11·0	75·6	30th	92·0	19·0	20th, 21st & 24th.	73·0
November .	78·5	79·8	82·8	85·7	12·5	73·3	1st	89·1	20·1	21st	69·0
December .	75·7	77·0	80·5	83·6	13·0	70·5	28th	86·4	21·2	14th	65·2
Year . .	79·4	80·7	82·5	85·5	10·8	74·7	...	92·8	27·6	...	65·2

58. POONA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	68·7	74·3	85·3	86·9	36·0	50·8	22nd	94·4	48·0	5th	46·4
February .	75·4	81·8	91·7	94·0	36·3	57·8	28th	97·1	43·3	19th	53·8
March .	79·7	84·2	92·8	96·7	32·7	64·1	23rd	103·2	46·8	11th	56·4
April . .	85·4	90·6	96·7	101·9	31·4	70·5	20th	106·8	42·4	27th	64·4
May . .	84·8	91·8	95·5	100·9	29·9	71·0	5th	108·3	43·4	10th	64·9
June . .	77·8	81·0	80·8	86·9	14·9	72·1	3rd	96·1	26·7	30th	69·4
July . .	74·3	76·9	76·3	81·4	11·1	70·3	14th	85·2	16·1	13th	69·1
August .	72·3	76·0	76·5	80·9	12·9	68·0	27th	85·2	21·3	27th	63·9
September .	73·5	78·3	78·3	84·0	16·5	67·4	30th	88·3	24·2	2nd	64·1
October .	76·3	81·6	85·3	90·0	24·9	65·2	26th	92·6	34·2	31st	58·4
November .	73·0	78·7	83·0	86·2	25·4	60·8	2nd	91·8	39·0	30th	52·8
December .	71·1	76·0	82·9	85·3	28·0	57·3	25th	87·4	39·7	15th	47·7
Year . .	76·0	80·9	85·4	89·6	25·0	64·6	...	108·3	61·9	...	46·4

59. SHOLAPUR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	71·0	77·3	87·0	88·5	33·6	54·9	23rd	94·0	43·7	6th	50·3
February .	79·7	84·5	94·6	95·9	33·3	62·7	28th	100·7	45·8	1st	54·9
March .	83·5†	87·3*	96·9*	99·7*	30·8†	68·7†	30th	106·0	42·1	16th	63·9
April . .	89·0	93·8	101·7	104·6	29·1	75·4	21st	109·0	39·5	15th & 18th.	69·5
May . .	91·3	94·1	104·5	107·1	29·5	77·6	5th	112·2	41·4	9th & 10th.	70·8
June . .	80·5	83·0	88·6	92·1	19·7	72·4	3rd & 4th.	101·6	31·8	23rd	69·8
July . .	77·7	80·6	84·5	88·5	17·5	71·0	8th	93·8	25·0	30th & 31st.	68·8
August .	77·0	79·5	84·0	87·7	18·5	69·2	28th	93·0	26·4	13th	66·6
September .	77·0	79·1	84·4	87·1	17·6	69·6	5th	94·0	28·1	25th	65·9
October .	78·6	84·9	89·6	92·3	24·8	67·4	15th	95·0	33·7	23rd	61·3
November .	73·5	79·6	83·6	86·7	24·2	62·5	2nd	92·1	38·8	30th	53·3
December .	73·4	77·9	85·3	86·6	25·0	61·6	15th	89·4	38·5	1st	50·9
Year . .	79·4	83·5	90·4	93·1	25·3	67·8	...	112·2	61·9	...	50·3

60. RATNAGIRI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	75·3	85·0	84·0	90·2	26·0	64·2	9th & 13th.	94·4	34·2	25th	60·2
February .	78·0	85·6	85·0	88·6	20·0	68·5	2nd	93·0	29·8	27th	63·2
March .	79·4	84·8	84·3	88·0	15·7	72·3	19th	92·0	24·8	17th	67·2
April . .	82·9	87·3	86·6	90·0	12·4	77·6	18th	94·0	20·0	2nd	74·0
May . .	83·5	87·6	87·5	90·3	12·1	78·2	29th	93·6	18·4	16th	75·2
June . .	79·3	81·7	81·3	84·9	9·7	75·1	3rd, 6th & 12th.	87·4	15·2	9th	72·2
July . .	78·3	80·9	80·0	82·9	8·6	74·2	1st & 6th.	85·2	12·8	20th	72·4
August .	77·2	79·8	79·5	82·6	9·6	73·1	19th & 21st.	85·2	13·3	6th	71·9
September .	77·7	81·6	81·2	84·1	11·2	72·9	6th	85·6	15·1	11th	70·5
October .	79·7	85·8	83·8	88·0	14·4	73·6	25th	96·2	27·6	24th	68·6
November .	78·1	86·1	83·9	89·7	19·6	70·1	13th	94·0	29·3	29th	64·7
December .	76·3	84·6	83·6	88·6	20·8	67·8	28th	93·6	34·2	14th	59·4
Year . .	78·8	84·2	83·4	87·3	15·0	72·3	...	96·2	36·8	...	59·4

* Mean of 24 days.
† ,, ,, 23 ,,

61. KARWAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January . .	75·1	76·8	84·6	87·8	23·0	64·8	31st	93·3	32·7	5th	60·6
February .	78·6	81·2	85·3	87·9	18·1	69·9	11th	92·3	26·7	1st	65·6
March . .	80·4	82·9	85·2	88·0	14·2	73·8	13th	91·3	23·4	8th	67·9
April . .	83·9	86·0	87·4	90·0	10·7	79·3	13th	92·9	16·5	26th	76·4
May . .	84·1	85·2	85·9	89·3	8·5	80·8	1st	90·9	16·9	31st	74·0
June . .	79·6	80·5	80·9	83·8	7·4	76·4	1st	87·0	15·2	8th	71·8
July . .	78·7	79·5	78·6	81·9	5·7	76·2	5th	85·4	13·8	20th	71·6
August . .	77·8	79·0	79·5	81·8	7·0	74·7	18th & 28th.	83·4	12·4	1st	71·0
September .	78·2	79·4	80·4	82·4	7·5	75·0	20th	83·7	11·1	1st	72·6
October .	79·1	81·2	82·5	84·9	10·2	74·7	29th	90·0	18·2	21st	71·8
November .	78·6	80·9	84·8	87·5	15·7	71·8	12th	91·3	24·4	19th	66·9
December .	77·0	79·7	85·0	87·8	18·9	68·9	28th	91·3	29·2	30th	62·1
Year . .	79·3	81·0	83·3	86·1	12·2	73·9	...	93·3	32·7	...	60·6

62. BELGAUM (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily rage.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January . .	69·7	75·1	83·2	84·2	28·5	55·7	23rd	90·2	39·5	24th	50·7
February .	74·7	81·7	88·9	90·5	29·6	60·9	18th	93·9	37·1	1st	56·8
March . .	Observations not recorded.										
April . .	78·7*	86·0	87·3*	94·6*	27·0*	67·4	11th	99·2	35·1	2nd	64·1
May . .	77·8	84·1	86·4	93·7	25·8	67·9	5th	101·7	37·8	10th	63·9
June . .	71·2	73·4	73·5	77·9	10·4	67·5	5th	84·7	19·3	10th	65·4
July . .	68·6	70·6	69·9	73·2	7·1	66·1	5th & 6th	76·2	12·8	8th	63·4
August . .	68·2	71·3	71·1	75·3	10·9	64·4	26th	81·0	20·3	30th	60·7
September .	69·8	73·8	73·9	78·7	14·5	64·1	29th	83·7	22·0	5th	61·7
October .	72·5	77·9	77·8	83·3	18·1	65·2	25th	87·2	28·5	20th	58·7
November .	71·1	75·6	79·6	81·9	20·3	61·6	1st	85·2	29·2	22nd	56·0
December .	71·0	75·8	80·9	82·7	22·8	60·0	13th	85·6	32 ·3	1st	53·3
Year . .	?	?	?	?	?	?	...	101·7	51·0	...	50·7

* Mean of 26 days.

63. SECUNDERABAD (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January . .	70·0	74·1	83·5	85·3	29·1	56·2	23rd	92·4	40·1	3rd	52·3
February .	78·3	80·5	90·3	92·4	28·6	63·8	19th	96·6	41·0	1st	55·6
March . .	84·3	86·8	95·1	98·7	27·0	71·7	24th & 27th.	104·7	39·7	2nd	65·0
April . .	87·3	90·2	97·5	102·1	26·8	75·3	30th	106·1	36·2	26th	69·9
May . .	91·5	91·5	101·7	105·6	25·6	80·0	2nd & 4th	109·8	43·3	21st	66·5
June . .	79·5	81·2	86·4	89·3	16·3	73·0	5th	102·5	32·9	21st	69·6
July . .	75·8	77·7	81·1	84·8	14·1	70·7	5th	92·4	23·5	31st	68·9
August . .	75·7	77·8	80·3	84·4	14·3	70·1	27th	89·7	21·1	24th	68·6
September .	75·8	78·7	80·9	84·7	14·6	70·1	4th	91·1	23·9	26th	67·2
October .	77·3	83·2	85·8	89·2	20·9	68·3	19th	92·2	29·2	18th& 24th.	63·0
November .	71·7	76·5	80·6	83·5	21·5	62·0	1st	88·1	34·5	29th	53·6
December .	72·3	76·7	82·2	85·0	23·1	61·9	13th	90·1	38·4	31st	51·7
Year . .	78·3	81·2	87·1	90·4	21·8	68·6	...	109·8	58·1	...	51·7

64. VIZAGAPATAM (*partly corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January . .	74·8	75·4	78·7	78·4	12·8	65·6	25th	81·5	20·5	31st	61·0
February .	77·9	78·5	81·4	81·0	11·7	69·3	22nd & 23rd.	84·5	24·0	1st	60·5
March . .	84·0	84·9	85·9	86·5	8·3	78·2	28th	93·0	21·5	4th	71·5
April . .	86·5	87·8	87·6	88·2	6·9	81·3	26th	91·3	14·8	15th	76·5
May . .	89·1	90·4	90·2	91·0	6·5	84·5	27th	96·0	17·0	15th	79·0
June . .	86·3	86·9	87·8	87·9	5·6	82·3	1st	96·0	17·5	29th	78·5
July . .	83·8	83·5	85·5	84·7	5·6	79·1	18th	90·0	13·7	29th	76·3
August . .	85·0	85·6	86·5	86·6	6·3	80·3	13th	90·2	12·4	11th	77·8
September .	84·9	85·2	86·4	86·2	5·8	80·4	6th, 26th & 27th.	89·0	10·0	15th & 20th.	79·0
October .	83·4	83·9	85·0	84·8	6·4	78·4	8th	88·5	12·5	19th & 20th.	76·0
November .	77·9	78·6	79·9	79·8	7·8	72·0	11th	82·8	15·8	20th, 26th & 27th.	67·0
December .	78·0	79·1	80·4	80·4	9·2	71·2	14th	83·0	20·0	31st	63·0
Year . .	82·6	83·3	84·6	84·6	7·7	76·9	...	96·0	35·5	...	60·5

65. BELLARY (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	72·3	77·9	85·5	87·3	28·5*	58·8*	22nd	92·1	37·5	5th	54·6
February	79·2†	83·0	92·0	93·8	29·5†	64·0†	16th	97·6	37·6	26th	60·0
March	86·2‡	89·3	97·5	99·9	26·2‡	73·6‡	24th	105·1	40·5	2nd	64·6
April	87·6§	90·9	98·3	102·0	25·9§	75·7§	11th	106·3	36·7	4th	69·6
May	88·4	90·5	99·9	101·7	25·0	76·7	5th	106·7	41·7	6th	65·0
June	82·1	84·7	89·1	92·5	17·3	75·2	5th	97·8	25·1	16th	72·7
July	79·9	82·9	85·8	89·7	15·6	74·1	3rd	96·2	25·5	31st	70·7
August	80·1	81·8	87·5	89·7	17·1	72·6	28th	95·6	25·4	12th	70·2
September	78·9	81·1	85·6	88·6	16·6	72·0	4th	93·3	23·5	12th	69·8
October	78·4	82·2	85·8	89·0	18·4	70·6	19th	92·6	26·1	22nd	66·5
November	73·8	78·0	81·7	84·8	19·6	65·2	1st	87·4	28·6	20th	58·8
December	73·4	78·1	83·6	86·1	23·4	62·7	14th	90·7	35·1	30th	55·6
Year	80·0	83·4	89·4	91·8	21·9	70·1	...	106·7	52·1	...	54·6

* Mean of 25 days.
† „ „ 26 „
‡ Mean of 20 days.
§ „ „ 23 „

66. MADRAS (*corrected*).

MONTH.	Mean.	8 hours.	14 hours.	20 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
								Day.	°		Day.	°
January	74·2	72·9	82·1	72·8	84·2	18·1	66·1	24th	88·9	27·1	2nd	61·8
February	76·1	74·5	85·2	74·8	87·3	21·3	66·0	21st	92·6	30·9	4th	61·7
March	81·5	80·3	87·8	80·7	90·6	16·3	74·3	26th	95·6	26·6	1st & 2nd	69·0
April	84·0	84·7	90·0	83·1	93·8	16·4	77·4	24th	99·6	25·4	10th	74·2
May	87·4	89·0	94·3	85·9	101·3	19·3	82·0	9th	109·0	32·7	1st	76·3
June	84·4	84·3	91·6	83·3	95·6	16·5	79·1	1st	103·5	31·4	26th	72·1
July	82·8	81·8	91·1	81·5	92·7	16·3	76·4	13th	99·2	26·8	31st	72·4
August	81·5	80·8	87·4	81·1	90·8	14·3	76·5	24th	95·0	25·5	27th	69·5
September	82·4	81·2	89·3	81·7	92·0	15·0	77·0	24th	97·7	24·8	5th	72·9
October	81·2	81·3	88·3	79·8	91·1	16·5	74·6	12th & 14th	96·2	24·9	22nd	71·3
November	78·2	77·6	84·0	77·5	85·8	13·6	72·2	12th	88·6	21·4	21st	67·2
December	77·1	76·3	84·2	76·3	86·6	17·3	69·3	20th	88·0	25·1	31st	62·9
Year	80·9	80·4	87·9	79·9	91·0	16·7	74·2	...	109·0	47·3	...	61·7

67. SALEM (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	74·3	78·3	86·3	88·4	25·8	62·6	24th	96·7	39·7	3rd	57·0
February	78·1	82·3	92·8	94·9	30·5	64·4	21st	98·7	42·4	9th	56·3
March	84·5	87·1	95·8	99·1	25·2	73·9	30th	103·9	35·5	17th	68·4
April	85·9	89·2	95·8	100·5	24·4	76·1	15th	104·8	34·4	25th	70·4
May	85·4	88·5	96·4	100·1	24·8	75·3	1st	106·1	37·6	5th	68·5
June	82·6	84·1	90·2	94·0	19·7	74·3	2nd	99·3	27·3	16th, 21st & 28th.	72·0
July	80·2	82·1	87·7	91·7	19·4	72·3	4th to 6th	98·3	28·4	31st	69·9
August	79·0	81·7	87·2	89·8	17·8	72·0	13th	96·3	27·7	1st	68·6
September	79·5	82·2	88·2	91·2	19·2	72·0	29th	96·1	27·1	26th	69·0
October	79·6	83·0	87·8	91·6	19·9	71·7	17th	97·1	28·1	22nd	69·0
November	76·8	81·5	83·9	87·7	19·2	68·5	1st, 7th, 8th, 10th, 12th, 14th, 21st & 30th.	89·3	24·4	28th	64·9
December	76·5	81·6	86·5	89·4	24·0	65·4	10th	91·9	32·5	31st	59·4
Year	80·2	83·5	89·9	93·2	22·5	70·7	...	106·1	49·8	...	56·3

68. MERCARA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	64·3	68·5	73·0	77·0	23·5	53·5	31st	81·2	31·7	15th	49·5
February	68·5	73·6	77·9	82·9	26·3	56·6	28th	88·7	34·4	7th	54·3
March	70·4	75·7	78·5	84·3	25·0	59·3	1st	88·4	31·6	2nd, 4th & 8th.	56·8
April	70·7	74·1	76·7	82·8	21·1	61·7	13th	88·3	30·9	18th	57·4
May	71·3	73·0	74·7	81·6	17·1	64·5	15th	87·5	26·3	30th	61·2
June	65·5	67·0	67·2	71·9	10·5	61·4	1st	79·5	22·0	2nd	57·5
July	63·3	65·2	65·9	68·4	8·9	59·5	6th	74·3	19·8	17th	54·5
August	63·8	65·0	66·2	70·5	11·3	59·2	27th	78·6	20·9	19th	57·7
September	64·8	66·1	67·9	73·2	14·1	59·1	19th	78·6	20·9	1st, 4th, 15th & 25th.	57·7
October	67·1	69·2	72·4	77·4	18·1	59·3	20th	81·6	25·1	27th	56·5
November	67·2	68·8	73·2	79·0	20·7	58·3	16th	84·3	31·6	27th	52·7
December	65·5	66·7	70·8	77·6	20·9	56·7	15th	80·7	29·6	31st	51·1
Year	66·9	69·4	72·0	77·2	18·1	59·1	...	88·7	39·2	...	49·5

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

69. TRICHINOPOLY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January	75·3	79·0	85·2	87·3	21·5	65·8	24th	95·3	34·8	3rd	60·5
February	79·0	81·9	91·0	93·1	25·2	67·9	18th	99·2	36·0	9th	63·2
March	85·8	89·3	97·5	99·6	24·2	75·4	29th	105·0	33·1	20th	71·9
April	87·9	91·2	98·6	102·0	24·1	77·9	15th	105·2	31·1	1st	74·1
May	89·8	92·7	101·8	104·3	25·0	79·3	13th	109·0	37·1	28th	71·9
June	87·3	89·4	95·5	98·6	19·9	78·7	1st	104·1	32·5	28th	71·6
July	85·0	86·3	92·6	96·6	19·6	77·0	6th	101·1	28·0	29th	73·1
August	83·4	85·2	91·9	94·8	19·0	75·8	13th	100·5	30·8	27th	69·7
September	83·2	85·7	92·1	95·5	20·1	75·4	29th	100·1	36·8	4th	73·3
October	80·5	82·8	88·1	91·2	17·7	73·5	12th	96·8	26·9	27th	69·9
November	78·4	80·4	83·9	87·4	15·4	72·0	30th	91·2	22·2	20th	69·0
December	77·6	81·3	85·9	88·1	19·5	68·6	1st & 3rd.	91·1	29·5	31st	61·6
Year	82·8	85·4	92·0	95·7	20·9	73·9	...	109·0	48·5	...	60·5

70. COCHIN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January	77·6	82·2	84·1	87·7	17·7	70·0	14th	90·1	25·3	10th	64·8
February	80·7	84·0	86·1	89·6	16·6	73·0	23rd	92·8	25·1	10th	67·7
March	83·4	86·9	88·3	91·0	14·2	76·8	22nd	93·3	20·0	2nd	73·3
April	82·7	86·1	87·3	90·3	13·5	76·8	2nd	93·7	21·8	9th	71·9
May	82·5	85·3	86·9	88·8	11·6	77·2	19th	92·3	19·5	23rd	72·8
June	78·9	80·5	80·9	84·4	9·7	74·7	2nd	88·2	16·0	2nd	72·2
July	77·5	79·5	79·4	82·6	9·5	73·1	2nd	86·2	16·5	12th	69·7
August	77·6	79·7	79·9	83·0	9·5	73·5	29th	86·3	15·2	3rd	71·1
September	77·6	80·1	80·3	83·5	10·2	73·3	3rd & 27th.	85·3	14·1	22nd	71·2
October	78·5	81·7	81·7	85·0	11·1	73·9	24th & 25th.	87·9	15·7	26th	72·2
November	79·8	84·2	84·4	88·1	14·1	74·0	26th	91·4	19·5	10th	71·9
December	78·7	83·5	84·5	88·3	16·2	72·1	19th	91·7	24·5	31st	67·2
Year	79·6	82·8	83·7	86·9	12·8	74·0	...	93·7	28·9	...	64·8

71. WELLINGTON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January	55·1	63·8	63·7	68·6	24·5	44·1	25th	76·5	40·3	11th	36·2
February	58·4	65·3	67·3	70·8	23·1	47·7	18th	75·5	35·5	9th	40·0
March	62·4	68·6	69·2	73·5	20·1	53·4	27th	80·2	32·5	21st	47·7
April	64·2	70·3	70·3	75·2	19·6	55·6	16th	78·2	26·0	14th	52·2
May	66·2	72·9	71·6	77·4	19·5	57·9	6th	80·2	25·5	16th	54·7
June	62·7	67·3	65·8	70·9	13·8	57·1	2nd	76·6	24·4	22nd	52·2
July	62·4	66·1	65·5	71·3	14·9	56·4	9th	76·1	23·6	19th	52·5
August	61·4	65·6	64·1	69·3	13·3	56·0	25th	73·8	24·6	31st	49·2
September	61·5	66·9	65·4	71·0	16·3	54·7	19th	75·8	29·4	2nd	46·4
October	59·6	64·9	63·1	68·5	15·2	53·3	9th	73·0	24·0	22nd	49·0
November	57·7	64·2	62·6	68·2	18·3	49·9	15th	71·0	30·9	22nd	40·1
December	55·7	63·0	61·2	67·4	20·3	47·1	1st	71·2	30·0	30th	41·2
Year	60·6	66·6	65·8	71·0	18·2	52·8	...	80·2	44·0	...	36·2

72. NEWERA ELIYA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
					Day.	°		Day.	°
January	54·1	73·8	28·9	44·9	5th	75·0	37·0	?	38·0
February	56·4	71·7	26·1	45·6	16th	76·8	41·2	18th	35·6
March	59·4	74·3	26·6	47·7	28th	79·2	39·2	17th	40·0
April	?	73·0	22·6	50·4	?	78·6	34·8	11th	43·8
May	60·5	72·3	19·0	53·3	14th	78·8	32·2	1st	46·6
June	57·9	66·4	13·4	53·0	9th	73·8	24·2	22nd	49·6
July	55·5	64·4	13·8	50·6	6th	74·6	28·7	4th	45·9
August	55·4	65·9	16·3	49·6	21st	74·0	29·8	18th	44·2
September	55·9	64·5	13·1	51·4	26th	72·2	27·9	27th	44·3
October	55·9	67·8	17·7	50·1	1st	73·2	29·4	22nd	43·8
November	55·3	68·1	21·9	46·2	17th	73·8	31·6	11th	42·2
December	54·8	67·7	20·9	46·8	26th	73·8	39·8	30th	34·0
Year	?	69·2	20·1	49·1	...	79·2	45·2	...	34·0

73. KANDY (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January . .	72·7	85·3	22·3	63·0	20th	99·2	49·7	25th	49·5
February .	74·8	86·9	21·5	65·4	23rd	89·8	40·0	8th	59·8
March . .	77·7	91·3	23·8	67·5	30th	95·0	30·0	?	65·0
April . .	76·6	89·0	20·4	68·6	?	93·0	28·5	25th	64·5
May . .	Incomplete.								
June . .	75·2	85·0	15·4	69·6	12th	90·3	25·6	22nd	64·7
July . .	74·0	82·1	13·9	68·2	5th	90·3	27·8	4th	62·5
August . .	73·9	82·8	15·4	67·4	20th	87·7	25·7	20th	62·0
September .	73·2	82·1	14·2	67·9	?	85·7	24·3	27th	61·4
October .	72·8	83·3	16·3	67·0	24th	87·2	25·6	24th	61·6
November .	74·0	85·5	19·0	66·5	11th	89·6	27·6	5th	62·0
December .	72·9	84·5	19·1	65·4	15th	87·2	27·4	31st	59·8
Year . .	?	?	?	?	...	?	?	...	?

74. JAFFNA (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January . .	76·2	80·4	10·5	69·9	27th	84·0	19·3	21st	64·7
February .	79·1	83·9	12·8	71·1	25th	88·3	23·3	17th	65·0
March . .	84·5	88·8	11·0	77·8	20th	93·0	19·0	?	74·0
April . .	86·2	89·8	9·3	80·5	5th	93·0	16·0	19th	77·0
May . .	85·2	87·4	5·7	81·7	1st	90·0	12·4	16th	77·6
June . .	83·4	86·0	5·8	80·2	26th	88·5	10·0	22nd	78·5
July . .	81·9	84·5	5·9	78·6	4th	88·7	14·7	16th	74·0
August . .	81·2	83·9	6·0	77·9	30th	87·7	18·1	14th	69·6
September .	80·9	83·4	5·6	77·8	22nd	90·5	18·5	8th	72·0
October .	80·4	83·0	6·2	76·8	17th	88·0	16·5	27th	71·5
November .	79·2	82·3	7·3	75·0	21st	87·5	16·2	21st	71·3
December .	78·8	83·0	10·6	72·4	2nd	86·7	19·7	31st	67·0
Year . .	81·4	84·7	8·1	76·6	...	93·0	28·3	...	64·7

75. TRINCOMALEE (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January . .	77·2	85·0	11·4	73·6	25th	88·4	21·0	25th	67·4
February .	78·5	86·6	12·0	74·6	18th	94·0	24·8	17th	69·2
March . .	83·6	95·5	18·3	77·2	27th	102·5	27·7	13th	74·8
April . .	84·0	98·0	21·0	77·0	1st	101·8	28·8	19th	73·0
May . .	86·0	99·2	20·6	78·6	12th	103·7	31·8	23rd	71·9
June . .	83·8	97·0	20·1	76·9	23rd	100·7	27·6	25th	73·1
July . .	84·1	97·4	20·9	76·5	3rd	100·1	25·8	4th	74·3
August . .	81·8	96·6	21·3	75·3	23rd	100·3	29·3	27th	71·0
September .	82·2	95·6	20·0	75·6	27th	100·2	29·7	5th	70·5
October .	80·0	93·9	19·2	74·7	1st	101·6	28·9	19th	72·7
November .	78·8	88·3	14·0	74·3	1st	93·3	21·8	7th	71·5
December .	77·8	85·5	10·7	74·8	2nd	90·0	19·0	23rd	71·0
Year . .	81·5	93·2	17·4	75·8	...	103·7	36·3	...	67·4

76. BATTICALOA (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January . .	75·7	83·4	12·7	70·7	29th	85·0	19·8	25th	65·2
February .	76·3	83·8	12·6	71·2	27th	85·4	17·2	?	68·2
March . .	81·4	88·1	13·4	74·7	17th	93·5	20·3	?	73·2
April . .	81·9	91·3	16·0	75·3	24th	95·0	21·8	19th	73·2
May . .	84·2	93·7	16·5	77·2	26th	96·0	21·6	22nd	74·4
June . .	82·9	93·2	17·2	76·0	20th	98·0	23·8	30th	74·2
July . .	82·2	92·8	18·0	74·8	2nd	96·0	23·0	8th	73·0
August . .	81·9	92·6	17·9	74·7	7th	97·0	26·0	27th	71·0
September .	80·7	91·1	16·8	74·3	22nd	96·0	25·8	22nd	70·2
October .	80·1	90·5	16·8	73·7	10th	95·6	24·4	19th	71·2
November .	78·2	85·8	12·9	72·9	5th	88·0	16·2	28th	71·8
December .	76·9	84·9	13·1	71·8	2nd	88·0	18·8	31st	69·2
Year . .	80·2	89·3	15·4	73·9	...	98·0	32·8	...	65·2

77. GALLE (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January	77·8	82·1	8·3	73·8	8th	86·5	16·5	24th	70·0
February	79·1	83·1	7·9	75·2	27th	85·6	13·6	10th	72·0
March	81·0	85·3	8·2	77·1	19th	89·6	14·8	5th	74·8
April	80·9	84·6	7·1	77·5	3rd	86·6	10·6	?	76·0
May	82·0	84·6	4·9	79·7	?	86·0	10·0	2nd	76·0
June	80·6	83·3	4·9	78·4	3rd	86·0	11·9	?	75·9
July	79·4	82·6	6·2	76·4	?	84·7	11·7	31st	73·0
August	79·1	82·0	5·0	77·0	23rd	83·8	10·7	14th	73·1
September	79·5	81·9	4·3	77·6	?	84·0	8·7	13th	75·3
October	79·7	82·7	5·4	77·3	24th	84·3	10·5	31st	73·8
November	78·6	82·3	7·5	74·8	22nd	84·2	11·4	26th	72·8
December	78·3	82·3	7·9	74·4	20th	84·2	12·2	31st	72·0
Year	79·7	83·1	6·5	76·6	...	89·6	19·6	...	70·0

78. COLOMBO (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January	78·8	86·9	15·8	71·1	10th	91·4	25·4	25th	66·0
February	79·5	87·3	15·0	72·3	10th	90·5	21·2	8th	69·3
March	81·7	88·2	13·2	75·0	29th	90·5	18·7	?	71·8
April	81·5	87·6	12·3	75·3	2nd	90·1	17·1	29th	73·0
May	82·4	87·1	8·6	78·5	13th	89·9	16·1	18th	73·8
June	80·9	85·4	7·5	77·9	9th	87·7	13·9	17th	73·8
July	80·0	84·5	8·0	76·5	?	86·7	14·7	29th	72·0
August	80·2	84·8	7·8	77·0	25th	86·7	12·1	11th	74·6
September	80·3	84·9	7·9	77·0	3rd	87·0	13·7	4th	73·3
October	79·3	84·7	9·5	75·2	25th	87·7	15·9	26th	71·8
November	79·2	85·4	12·5	72·9	20th	88·4	17·6	19th	70·8
December	79·3	86·7	13·6	73·1	29th	89·2	20·9	29th	68·3
Year	80·3	86·1	10·9	75·2	...	91·4	25·4	...	66·0

79. HAMBANTOTA (*corrected*).

MONTH.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
					Day.	°		Day.	°
January	77·2	85·3	14·0	71·3	?	87·1	21·3	25th	65·8
February	78·9	86·3	13·4	72·9	?	88·1	19·0	11th	69·1
March	80·8	88·5	13·7	74·8	29th	92·1	20·0	1st	72·1
April	80·4	91·5	16·6	74·9	2nd	91·3	18·7	14th	72·6
May	81·0	88·7	11·8	76·9	6th	94·3	20·2	22nd	74·1
June	82·7	?	?	?	?	?	...	12th	73·1
July	78·9	?	?	74·1	...	?	...	4th	70·1
August	80·4	88·4	13·7	74·7	13th	97·7	26·4	14th	71·3
September	79·2	85·7	10·3	75·4	5th	91·0	17·7	27th	73·3
October	78·9	85·3	11·0	74·3	6th	88·5	16·4	24th	72·1
November	79·3	85·5	11·7	73·8	4th	89·0	18·4	3rd	70·6
December	77·7	84·5	12·3	72·2	?	86·5	18·9	31st	67·6
Year	79·6	?	?	?	...	?	?	...	65·8

80. AKYAB (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	72·3	73·4	78·8	81·9	18·5	63·4	17th & 22nd.	84·2	26·1	28th	58·1
February	73·8	75·2	81·6	85·6	22·7	62·9	23rd	90·1	34·2	6th	55·9
March	80·6	83·3	84·7	88·9	15·6	73·3	4th	92·0	26·4	4th	65·6
April	84·6	88·5	88·6	92·5	14·2	78·3	19th	97·0	23·9	22nd	73·1
May	84·3	85·9	86·9	90·6*	10·8	79·8	1st	95·1	22·0	17th	73·1
June	81·5	82·3	83·3	85·6	6·3	79·3	1st	89·1	12·3	1st	76·8
July	79·4*	80·5	80·3	83·4	5·8	77·6*	18th	87·2	11·8	29th	75·4
August	80·5	81·2	81·9	84·5	6·0	78·5	3rd	88·3	12·4	21st	75·9
September	82·1	83·6	83·5	86·8	7·4	79·5	12th	89·4	13·0	28th	76·4
October	82·1	83·6	83·7	87·5	9·1	78·4	6th	89·8	13·8	8th & 13th	76·1
November	77·2	78·9	80·5	84·2	12·9	71·4	21st & 27th.	86·2	19·1	25th	67·1
December	70·8	72·4	76·9	80·8	18·8	62·0	12th	84·2	27·1	29th	57·1
Year	79·1	80·7	82·6	86·0	12·3	73·7	...	97·0	41·1	...	55·9

* Mean of 30 days.

81. DIAMOND ISLAND (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	75·9	79·7	81·1	85·2	15·8	69·4	10th	88·8	23·2	16th	65·6
February	77·0	81·4	82·4	86·2	15·5	70·7	24th	89·8	22·2	8th	67·6
March	78·6	84·0	83·9	88·4	15·3	73·1	2nd & 19th.	91·3	20·4	22nd	70·9
April	81·3	86·5	86·1	90·8	15·1	75·7	8th	95·3	24·7	5th & 27th.	70·6
May	?	84·3	83·9	88·3	?	?	6th	92·8	?	?	?
June	77·7	82·3	81·5	84·6	11·3	73·3	2nd	88·2	19·7	29th	68·5
July	76·5	80·5	80·4	83·5	11·4	72·0	11th	87·5	18·2	5th	69·3
August	77·7	81·1	81·3	84·6	11·3	73·3	25th	88·0	18·4	19th	69·6
September	77·5	80·7	81·0	84·9	12·0	72·9	4th	89·2	20·1	17th	69·1
October	78·0	82·5	82·3	85·5	12·5	73·0	5th	90·2	21·6	18th	68·6
November	78·2	82·2	83·3	86·3	13·9	72·4	11th	90·3	21·9	28th	68·4
December	75·5	79·2	81·0	84·7	15·8	68·9	23rd	88·3	21·7	8th	66·6
Year	?	82·0	82·4	86·1	?	?	...	95·3	29·7	...	65·6

82. RANGOON (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	75·0	79·2	85·1	87·4	20·1	67·3	19th	90·7	27·6	15th	63·1
February	78·0	81·3	89·2	91·9	23·1	68·8	25th	96·3	33·1	17th	63·2
March	82·0	84·3	93·0	97·5	25·3	72·2	21st	103·2	35·4	1st	67·8
April	84·7	87·9	92·5	96·7	19·8	76·9	25th	100·8	27·9	7th	72·9
May	81·0	83·6	84·6	89·0	12·1	76·9	3rd	99·1	25·2	17th	73·9
June	79·0	80·9	80·9	85·4	9·0	76·4	16th	89·5	16·6	29th	72·9
July	76·8	79·1	77·6	83·4	9·0	74·4	31st	86·5	14·2	29th	72·3
August	78·0	80·2	79·3	84·7	9·5	75·2	14th	90·1	17·1	11th	73·0
September	79·2	81·6	82·5	85·8	10·0	75·7	30th	89·2	16·5	24th	72·7
October	78·6	81·1	83·1	85·5	10·9	74·6	3rd	89·5	18·3	29th	71·2
November	77·9	81·3	83·9	86·9	14·4	72·5	11th	89·5	21·5	25th	68·0
December	75·1	77·4	84·9	89·3	24·2	65·1	3rd	98·2	38·2	22nd	60·0
Year	78·8	81·5	84·7	88·6	15·6	73·0	...	100·8	40·8	...	60·0

83. MERGUI (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	75·5	82·1	84·9	87·4	22·6	64·8	30th & 31st.	89·6	33·0	8th	56·6
February	78·0	83·1	87·2	89·3	21·6	67·7	22nd	93·0	29·0	11th	64·0
March	79·8	85·3	88·8	90·7	20·8	69·9	17th & 19th.	93·1	27·1	3rd	66·0
April	81·0	86·2	89·0	91·5	19·8	71·7	19th	95·1	25·7	14th & 22nd.	69·4
May	77·5	81·8	81·4	86·9	16·0	70·9	3rd	92·6	24·2	29th	68·4
June	76·9	81·2	81·9	85·5	15·4	70·2	1st & 9th.	89·6	23·1	30th	66·5
July	75·7	79·6	80·5	84·1	15·1	69·0	14th	88·1	21·3	13th	66·8
August	76·2	80·8	80·7	84·8	15·1	69·7	26th	89·1	30·6	10th & 29th.	68·5
September	75·4	78·5	79·8	83·3	13·9	69·4	7th	88·2	20·7	22nd	67·5
October	76·3	82·3	83·0	86·4	18·4	68·0	30th	90·7	28·0	26th	62·7
November	77·3	84·1	85·8	88·4	21·1	67·4	3rd	90·6	27·2	11th	63·4
December	79·1	82·4	85·8	88·0	21·8	66·2	7th & 21st.	89·6	30·8	29th	58·8
Year	77·4	82·3	84·1	87·4	18·5	68·7	...	95·1	38·5	...	56·6

84. COCOS ISLAND (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January	76·2	80·4	79·1	83·0	11·0	72·0	25th	86·6	17·1	2nd	69·5
February	77·3	82·4	81·5	84·7	12·2	72·5	15th	86·8	17·9	8th	68·9
March	79·2	84·6	84·6	87·7	13·3	74·4	23rd	90·3	18·2	10th	72·1
April	82·7*	88·4*	87·5*	91·8*	14·5*	77·3*	23rd	97·1	23·4	7th	73·7
May	81·2	86·1	84·1	90·4	14·8	75·7	11th	98·7	27·8	8th	70·9
June	78·2†	82·9	81·4	85·8†	11·5†	74·0	1st & 7th.	90·4	20·2	30th	70·2
July	77·7‡	81·7‡	82·1‡	84·8‡	11·9‡	72·9‡	15th	89·9	20·7	26th	69·2
August	79·0	83·3	82·9	86·8	13·0	73·8	27th	90·4	19·2	30th	71·2
September	77·3§	82·0*	80·7*	84·9§	13·1§	72·3*	9th	90·6	21·5	17th	69·1
October	77·8	82·8	81·0	85·3	12·1	73·3	13th	90·4	20·5	20th	69·9
November	77·7	83·1	80·7	84·6	11·1	74·4	12th	87·5	18·1	29th	69·4
December	74·9	81·3	78·3	82·1	12·3	70·4	3rd	85·2	18·0	23rd	67·2
Year	78·3	83·3	82·0	86·0	12·6	73·6	...	97·1	29·9	...	67·2

* Mean of 28 days.
† " " 29 "
‡ Mean of 30 days.
§ " " 27 "

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

85. PORT BLAIR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	80·2	82·6	84·2	86·4	10·4	76·0	11th & 19th.	89·0	17·1	2nd	71·9
February .	80·7	83·4	85·5	88·1	12·4	75·7	28th	90·1	19·7	9th	70·4
March .	82·5	85·8	89·3	91·4	14·6	76·8	24th	93·3	18·9	11th	74·4
April .	83·4	87·0	87·6	91·5	12·8	78·7	21st	94·9	20·8	5th	74·1
May .	81·4	84·0	84·5	88·0	10·7	77·2	14th	92·5	19·5	29th	73·0
June .	79·9	86·8	82·2	85·7	8·8	76·9	10th	89·0	15·7	19th	73·3
July .	80·2	83·1	83·7	86·0	9·4	76·6	14th	89·2	16·5	30th	72·7
August .	80·1	82·3	83·1	85·7	9·1	76·6	26th	90·3	17·2	30th	73·1
September .	78·8	81·1	81·4	84·3	8·8	75·5	24th	88·7	17·5	16th	71·2
October .	79·8	82·7	82·7	86·3	10·3	76·1	25th	89·5	16·2	9th	73·3
November .	80·9	84·1	84·8	87·7	11·3	76·4	12th	90·2	15·6	3rd	74·6
December	79·7	82·8	84·6	86·9	12·4	74·5	9th	88·7	18·8	28th	69·9
Year . .	80·6	83·8	84·5	87·3	10·9	76·4	...	94·9	25·0	...	69·9

86 QUETTA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	42·8	46·1	52·7	56·2	25·0	31·2	9th	69·7	47·7	12th	22·0
February .	43·8	46·8	53·4	56·2	23·6	32·7	14th	69.7	48·1	3rd, 8th	21·6
March .	48·6	54·8	58·6	62·3	25·5	36·8	31st	71·9	41·5	3rd	30·4
April .	60·5	66·3	69·9	73·9	24·7	49·2	14th	82·6	43·2	3rd	39·4
May .	66·3	76·1	81·5	83·4	33·2	50·2	23rd, 25th	91·9	49·0	9th	42·9
June .	76·6	86·1	89·9	92·8	31·0	61·8	30th	98·3	45·4	1st	52·9
July .	79·2	85·9	90·5	94·4	28·5	65·9	24th	99·8	41·4	7th	58·4
August .	75·4	82·0	68·7	91·1	30·2	60·9	4th	94·9	44·8	23rd	50·1
September .	65·8	76·3	83·4	85·6	38·5	47·1	22nd	89·8	47·5	19th	42·3
October .	54·6	66·4	71·1	74·8	38·1	36·7	1st	85·6	60·3	29th	25·3
November .	46·2	52·9	56·2	60·0	25·5	34·6	6th	67·2	40·7	14th	26·5
December	37·7	40·5	43·0	47·5	16·7	30·8	11th	54·7	38·5	26th	16·2
Year . .	58·1	65·0	69·9	73·2	28·4	44·8	...	99·8	83·6	...	16·2

87. LEH (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MININUM.	
							Day.	°		Day.	°
January .	25·7	27·2	36·0	40·1	26·1	13·9	2nd	48·2	45·6	27th	2·6
February .	27·9*	28·1	35·4	39·5*	23·8*	15·8	14th	47·2	40·7	3rd, 4th	6·5
March .	31·9	34·4	40·9	44·9	25·0	19·9	31st	52·2	38·7	11th	13·5
April .	45·9	48·5	54·8	59·8	28·0	31·8	20th	67·9	47·3	1st	20·6
May .	48·3	52·0	57·3	62·1	25·8	36·3	25th	72·8	42·3	13th	30·5
June .	57·0	62·1	69·0	72·2	28·0	44·2	30th	82·2	44·0	12th	38·2
July .	63·6	68·5	74·3	79·4	26·6	52·8	23rd	85·8	38·9	29th	46·9
August .	61·7	65·3	71·4	76·4	26·3	50·1	1st	87·8	47·1	25th	40·7
September .	52·7	57·2	63·8	67·9	29·3	38·6	21st	78·9	47·4	13th	31·5
October .	43·9	48·1	53·6	57·8	27·8	30·0	8th	66·9	46·5	31st	20·4
November .	34·4	36·7	43·0	47·3	25·1	22·2	10th, 11th	52·8	38·8	22nd	14·0
December .	23·7	26·8	29·0	34·5	19·2	15·3	1st	45·1	35·6	29th	9·5
Year . .	43·1	46·2	52·4	56·8	25·9	30·9	...	87·8	85·2	...	2·6

88. KATAMANDU (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°
January .	53·1	54·6	62·8	74·6	73·1	37·5	9th	80·2	51·7	30th	28·5
February .	54·9	59·1	69·6	79·3	44·0	35·3	11th, 18th, 19th & 22nd.	83·2	54·2	4th	29·0
March .	58·9	66·9	73·3	84·2	45·1	39·1	30th	91·6	57·6	2nd & 8th	34·0
April .	?	75·0	77·8	91·0	?	...	10th & 11th.	98·1	...	...	?
May .	?	76·5	79·6	88·7	?	...	7th & 8th.	98·4	...	...	?
June .	?	77·0	78·7	87·4	?	...	30th	94·2	...	...	?
July .	?	77·6	77·4	...	?	...	...	?	...	...	?
August .	75·2†	76·3	77·0	87·6‡	19·3†	67·9*	14th	94·8	31·9	31st	62·9
September .	74·9	78·5	76·0	86·5‖	19·8‡	67·1‖	2nd	92·8	35·7	27th	57·1
October .	67·3¶	70·3	73·0	83·2	26·5¶	56·7¶	1st	88·8	40·6	24th & 25th.	48·2
November .	59·4**	60·2	68·7	79·2**	34·5**	44·6	11th	84·8	48·8	28th & 29th.	36·0
December .	54·5**	52·5	63·8	73·7**	33·5**	40·5	6th	78·2	44·2	23rd	34·0
Year . .	?	68·7	73·1	?	?	?	...	?	?	...	?

* Mean of 27 days.

† Mean of 24 days.
‡ „ „ 26 „
‖ „ „ 28 „

¶ Mean of 30 days.
** „ „ 29 „

TABLE III.—MEAN AND EXTREME AIR-TEMPERATURES IN SHADE IN 1890.

89. ADEN (*corrected*).

90. ZANZIBAR (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.		Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM.		Absolute range.	LOWEST MINIMUM.	
							Day.	°		Day.	°							Day.	°		Day.	°
January .	76·1	77·2	79·4	81·8	10·2	71·6	22nd	86·1	18·4	11th	67·7	82·4	82·5*	85·5	86·0	7·0	79·1	9th	87·8	12·0	21st	75·8
February .	76·8	78·0	79·8	82·2	9·7	72·5	17th	86·8	21·1	17th	65·7	82·7	82·6	85·8	86·3	7·0	79·3	23rd	88·5	10·3	12th & 13th.	78·2
March .	79·5*	80·4*	81·9	84·8	9·6*	75·3*	29th & 31st.	89·1	17·8	11th & 12th.	71·3	Not recorded.										
April .	82·9†	84·7	85·8†	89·6	11·4	78·2	27th	94·5	21·6	7th	72·9											
May .	84·6	87·0*	88·3	92·6	13·8	78·8	13th	96·7	23·4	21st	73·3											
June .	86·7	89·7	89·7	93·4	11·6	81·9	3rd	96·1	16·3	26th	79·8											
July .	83·6	85·3	86·9	90·5	11·9	78·5	6th	94·8	23·7	27th	71·1											
August .	82·4*	85·6	86·0*	89·4*	12·4*	77·1	26th	96·8	25·3	2nd	71·5											
September .	86·4	88·9	89·1	93·2	11·5	81·7	9th	96·8	22·4	3rd	74·4											
October .	83·5	84·7	85·0	89·8	10·2	79·7	10th	94·5	19·8	28th	74·7											
November .	79·8†	80·9†	82·1†	85·7†	9·9†	75·7†	2nd & 3rd.	91·8	19·7	24th	72·1											
December .	77·5	78·5*	79·1	82·5	8·4	74·1	29th	84·8	13·5	15th	71·3											
Year .	81·7	83·4	84·4	88·0	10·9	77·1	...	96·8	31·1	...	65·7											

* Mean of 30 days.
† " " 29 "

TABLE IV.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN AIR-TEMPERATURES IN 1890.
(71 STATIONS).

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Peshawar	55·3	58·8	64·5	76·5	86·4	94·5	92·1	86·9	85·5	73·4	61·1	53·6	74·1
Lahore	57·0	60·4	68·4	81·9	90·3	93·0	87·2	84·7	85·9	75·9	62·6	55·3	75·2
Ludhiana	57·8	62·2	69·7	84·1	92·1	92·7	87·0	85·3	86·5	76·3	64·2	57·1	76·3
Mooltan	59·3	63·4	72·1	85·6	94·3	97·7	94·1	88·8	89·8	80·6	66·1	56·8	79·1
Jacobabad	59·8	64·3	74·7	87·5	95·9	100·0	94·5	89·6	89·0	79·6	65·8	57·1	79·8
Kurrachee	67·7	70·7	76·2	80·1	83·0	87·9	84·4	80·2	80·8	79·4	75·4	64·6	77·5
Jeypore	64·6	69·2	77·6	89·5	95·7	93·3	85·5	83·7	85·7	79·9	71·5	64·1	80·0
Ajmere	64·8	69·8	79·1	91·2	95·3	93·3	85·3	83·5	87·3	81·8	71·3	64·4	80·6
Dehra	61·9	65·7	71·6	84·2	88·8	88·7	82·2	81·4	80·3	74·8	67·0	61·8	75·7
Roorkee	59·5	63·6	71·5	84·4	90·9	91·0	84·5	83·8	82·3	75·7	65·0	59·4	76·0
Meerut	60·0	64·2	72·1	85·0	90·4	90·4	84·9	84·1	83·2	76·4	65·4	59·6	76·3
Agra	63·4	68·1	77·0	90·0	97·6	94·4	85·5	84·9	85·6	79·4	69·7	64·3	80·0
Lucknow	63·2	66·6	77·0	88·3	93·2	90·1	82·8	84·5	83·8	77·3	67·3	62·1	78·0
Allahabad	61·5	67·0	77·8	88·7	93·7	90·2	82·6	83·0	83·0	77·6	67·0	62·8	77·9
Ghazipur	61·3	66·6	78·0	88·3	90·9	87·4	82·5	82·7	83·0	78·0	68·3	63·7	77·6
Nowgong	62·1	67·9	78·4	88·4	96·3	92·2	81·4	81·9	82·4	76·7	67·1	63·5	78·2
Sutna	62·4	69·0	79·3	88·7	94·6	89·0	80·9	81·4	80·8	76·1	67·7	64·6	77·9
Durbhunga	64·7	No temperature.					82·3	81·6	82·7	78·6	70·4	64·5	?
Patna	63·3	67·9	79·2	87·7	87·4	85·8	82·3	82·3	82·9	78·3	69·3	63·5	77·5
Hazaribagh	66·2	72·7	80·9	90·3	91·1	86·3	81·1	80·7	81·6	77·0	70·7	66·5	78·8
Berhampore	65·5	69·5	80·1	85·5	85·3	83·4	81·5	81·9	82·2	78·7	71·9	65·8	77·6
Burdwan	67·2	71·2	81·7	87·4	87·9	83·8	83·1	83·2	83·1	80·3	72·5	67·3	79·1
Calcutta (Alipore)	65·9	70·9	80·6	85·1	85·8	83·5	82·2	81·7	81·7	78·6	71·0	66·4	77·8
Saugor Island	67·5	72·5	80·0	84·4	85·6	84·9	82·5	82·6	83·1	79·5	72·4	68·6	78·6
Dacca	67·7	70·9	79·1	81·6	81·7	82·0	81·2	81·6	83·7	79·9	73·3	67·3	77·5
Chittagong	68·1	70·9	78·6	81·1	82·5	81·4	?	78·5	81·3	79·9	?	68·9	?
Dhubri	63·5	67·7	76·1	77·8	78·5	77·9	80·4	79·5	78·4	76·4	69·0	64·1	74·1
Sibsagar	60·9	64·3	67·6	75·3	79·7	81·5	82·8	82·2	80·5	76·8	67·2	58·8	73·1
Silchar	66·3	69·5	73·8	77·7	80·2	80·9	81·6	81·4	81·5	79·6	71·3	64·8	75·7
False Point	67·5	71·7	78·4	82·3	83·7	83·1	80·7	81·1	81·3	78·7	71·8	69·6	77·5
Cuttack	70·4	77·5	83·3	87·9	89·8	84·7	82·1	82·8	82·7	81·1	74·4	73·7	80·9
Sambalpur	68·3	?	83·5	90·7	95·0	87·9	80·6	81·7	82·9	81·0	74·5	72·6	?
Raipur	68·8	76·9	86·4	92·9	97·6	86·5	80·4	81·4	81·9	80·5	74·4	72·0	81·6
Khandwa	68·2	76·2	84·3	93·0	96·0	88·1	81·8	80·6	82·8	79·4	74·1	72·0	81·4
Hoshangabad	67·1	74·9	83·5	92·2	96·7	88·7	80·6	79·9	81·2	78·4	73·4	70·9	80·6
Jubbulpur	63·2	70·7	?	88·7	95·2	88·3	80·2	80·0	81·2	76·5	69·7	68·0	?
Nagpur	70·3	78·2	87·0	93·2	99·9	87·0	81·1	81·9	81·8	80·8	75·2	72·2	82·4
Chanda	67·2	76·8	86·7	93·6	99·2	86·5	80·3	82·0	81·5	79·8	74·3	72·6	81·7

TABLE IV.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN AIR-TEMPERATURES IN 1890.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sironcha	69·4	78·4	88·4	93·5	98·8	85·7	80·8	81·5	81·3	82·0	76·1	74·6	82·5
Buldana	74·2	80·8	86·7	93·4	94·8	83·6	79·7	79·3	79·8	81·4	77·4	74·7	82·2
Akola	68·9	76·7	86·3	93·0	97·3	86·0	80·8	81·5	82·3	80·9	76·0	73·4	81·9
Deesa	70·8	74·4	81·5	89·8	92·5	90·7	83·3	80·2	83·4	82·8	76·1	69·5	81·3
Bombay	75·5	77·5	79·6	82·5	84·2	81·2	79·7	78·8	79·6	80·4	78·6	75·8	79·5
Poona	72·8	79·5	83·8	89·5	88·9	81·9	78·4	76·4	77·6	80·4	77·1	75·2	80·1
Sholapur	74·5	83·2	87·0	92·5	94·8	84·0	81·2	80·5	80·5	82·1	77·0	76·9	82·9
Ratnagiri	75·5	78·2	79·6	83·1	83·7	79·5	78·5	77·4	77·9	79·9	78·3	76·5	79·0
Karwar	75·2	78·7	80·5	84·0	84·2	79·7	78·8	77·9	78·3	79·2	78·7	77·1	79·4
Belgaum	75·3	80·3	?	84·3	83·4	76·8	74·2	73·8	75·4	78·1	76·7	76·6	?
Secunderabad	74·0	82·3	88·3	91·3	95·5	83·5	79·8	79·7	79·8	81·3	75·7	76·3	82·3
Vizagapatam	74·9	78·0	84·1	86·6	89·2	86·4	83·9	85·1	85·0	83·5	78·0	78·1	82·7
Bellary	75·6	82·5	89·5	90·9	91·7	85·4	83·2	83·4	82·2	81·7	77·1	76·7	83·3
Madras	74·2	76·1	81·5	84·0	87·4	84·4	82·8	81·5	82·4	81·2	78·2	77·1	80·9
Salem	76·4	80·2	86·6	88·0	87·5	84·7	82·3	81·1	81·6	81·7	78·9	78·6	82·3
Mercara	72·7	76·9	78·8	79·1	79·7	73·9	71·7	72·2	73·2	75·5	75·6	73·9	75·3
Trichinopoly	75·9	79·6	86·4	88·5	90·4	87·9	85·6	84·0	83·8	81·1	79·0	78·2	83·4
Cochin	77·6	80·7	83·4	82·7	82·5	78·9	77·5	77·6	77·6	78·5	79·8	78·7	79·6
Kandy	76·5	78·6	80·5	80·4	?	79·0	77·8	77·7	77·0	76·6	77·8	76·7	?
Jaffna	76·2	79·1	84·5	86·2	85·2	83·4	81·9	81·2	80·9	80·4	79·2	78·8	81·4
Trincomalee	77·6	78·9	84·0	84·4	86·4	84·2	84·5	82·2	82·6	80·4	79·2	78·2	81·9
Batticaloa	75·8	76·4	81·5	82·0	84·3	83·0	82·3	82·0	80·8	80·2	78·3	77·0	80·3
Galle	77·9	79·2	81·1	81·0	82·1	80·7	79·5	79·2	79·6	79·8	78·7	78·4	79·8
Colombo	78·9	79·6	81·8	81·6	82·5	81·0	80·1	80·3	80·4	79·4	79·3	79·4	80·4
Hambantota	77·3	79·0	80·9	80·5	81·1	82·8	79·0	80·5	79·3	79·0	79·4	77·8	79·7
Akyab	72·3	73·8	80·6	84·6	84·3	81·5	79·4	80·5	82·1	82·1	77·2	70·8	79·1
Diamond Island	76·0	77·1	78·7	81·4	?	77·8	76·6	77·8	77·6	78·1	78·3	75·6	?
Rangoon	75·1	78·1	82·1	84·8	81·1	79·1	76·9	78·1	79·3	78·7	78·0	75·2	78·9
Mergui	75·7	78·2	80·0	81·2	77·7	77·1	75·9	76·4	75·6	76·5	77·5	79·3	77·6
Cocos Island	76·4	77·5	79·4	82·9	81·4	78·4	77·9	79·2	77·5	78·0	77·9	75·1	78·5
Port Blair	80·3	80·8	82·6	83·5	81·5	80·0	80·3	80·2	78·9	79·9	81·0	79·8	80·7
Aden	76·3	77·0	79·7	83·1	84·8	86·9	83·8	82·6	86·6	83·7	80·0	77·7	81·9
Zanzibar	82·6	82·9	Not recorded.										?

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890. (87 STATIONS).

1. MURREE. 2. CHAMBA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolut range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+			26+	26+	26+		26+		26+		
January . .	·848	·875	·840	·035	·981	3rd	·688	23rd	·293	·956	1·008	·906	·102	1·113	18th	·800	23rd	·313
February .	·852	·877	·845	·032	1·006	9th	·586	16th	·420	·978	1·025	·918	·106	1·141	9th	·711	15th	·430
March . .	·802*	·823*	·789†	·031*	·949	3rd	·691	15th	·258	·888	·922	·831	·090	1·100	3rd	·675	15th	·425
April . .	·833	·851	·834	·017	1·006	8th	·614	24th	·392	·839	·864	·789	·076	1·021	7th	·679	16th	·342
May . .	·799*	·818	·794*	·030*	·904	14th	·627	8th	·277	·728	·753	·679	·074	·887	1st	·507	8th	·380
June . .	·724	·753	·710	·044	·857	3rd	·589	23rd	·268	·592	·619	·540	·079	·758	3rd	·410	24th	·348
July . .	·634	·654	·639	·016	·759	2nd to 16th.	·532	16th	·227	·561	·588	·526	·062	·762	2nd	·391	18th	·371
August . .	·758	·774	·745	·029	·857	26th	·663	2nd to 10th.	·194	·686	·719	·648	·071	·823	22nd	·572	1st	·251
September .	·825	·851	·814	·038	·964	30th	·755	15th	·209	·795	·828	·745	·084	·959	24th	·639	6th	·320
October .	·901	·929	·890	·040	1·023	17th	·770	14th	·253	·943	·978	·891	·087	1·119	21st	·769	5th	·350
November .	·948	·973	·942	·031	1·052	22nd	·844	30th	·208	1·053	1·090	·997	·094	1·200	25th	·891	2nd	·309
December .	·872	·902	·865	·036	·960	24th	·672	25th	·288	1·030	1·076	·979	·097	1·163	24th	·849	11th	·314
Year . .	·816	·840	·809	·032	1·052	...	·532	...	·520	·837	·873	·787	·085	1·200	...	·391	...	·809

* Mean of 29 days.
† ,, ,, 30 ,,

3. KAILANG. 4. SIMLA. (*a*).

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hours.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	20+	20+	20+		20+		20+			22+	22+	22+		23+		22+		
January . .	·777	·819	·736	·083	·958	3rd	·514	23rd 16h	·444	1·042*	1·080	1·024*	·054*	·191	3rd	·867	23rd	·324
February .	·794	·817	·760	·057	1·009	10th	·454	16th	·555	1·064	1·093	1·034	·059	·202	11th	·822	16th	·380
March . .	·780	·798	·741	·057	·910	3rd	·586	21st 10h.	·324	1·001†	1·038	·981†	·053†	·193	3rd	·877	15th	·316
April . .	·817	·827	·782	·045	·959	8th	·600	25th 16h.	·359	·929†	·972	·911†	·055†	·257	7th	·891	25th	·366
May . .	·793	·800	·763	·037	·872	5th	·695	7th	.177	·998	1·031	·985	·046	·137	1st	·839	8th	·298
June . .	·707	·728	·661	·067	·809	4th	·460	23rd	·349	·914	·947	·897	·049	·065	3rd	·785	23rd	·280
July . .	·622	·648	·588	·060	·789	2nd	·447	18th	·342	·878*	·899	·860*	·040*	·047	2nd	·777	25th	·279
August . .	·686	·710	·652	·058	·778	25th	·560	29th	·218	·959	1·018	·939	·079	·069	26th	·873	2nd	·196
September .	·773	·796	·731	·064	·862	18th	·618	27th	·244	1·032	1·062	1·018	·044	·181	23rd	·941	15th	·240
October .	·811	·834	·771	·062	·891	22nd	·705	14th	·186	1·112	1·147	1·095	·052	·217	21st	·997	14th	·220
November .	·857	·885	·812	·073	·976	28th	·691	6th	·285	1·146	1·184	1·127	·057	·254	23rd	1·055	2nd	·199
December .	·806	·827	·780	·047	·927	23rd	·603	25th	·324	1·079	1·121	1·061	·060	·213	24th	·946	16th	·267
Year . .	·769	·791	·731	·059	1·009	...	·447	...	·562	1·013	1·049	·994	·054	·257	...	·777	...	·480

* Mean of 30 days.
† ,, ,, 29 ,,
(*a*) The readings of the first four months have been corrected to the present elevation of 7274·2 feet.

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

5. PESHAWAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	·901	·960	·866	·094	1·075	18th	·726	23rd	·349
February .	·910	·970	·870	·099	1·158	9th	·596	15th	·562
March . .	·787	·839	·746	·094	1·043	3rd	·535	15th	·508
April . .	·711	·771	·659	·112	·998	8th	·446	24th	·552
May . .	·522	·581	·476	·104	·790	1st	·303	25th	·487
June . .	·346*	·410	·290*	·123*	·568	3rd	·095	23rd	·473
July . .	·306†	·366	·249†	·116†	·650	2nd	·116	18th	·534
August . .	·459	·516	·415	·101	·636	21st	·256	2nd	·380
September .	·574	·639	·521	·118	·786	24th	·400	10th	·386
October .	·785	·842	·741	·101	1·064	22nd	·580	14th	·484
November .	·954	1·009	·918	·091	1·169	23rd	·746	2nd	·423
December .	·961	1·019	·927	·093	1·149	26th	·784	11th	·365
Year . .	·685	·744	·640	·104	1·169	...	·095	...	1·074

* Mean of 29 days.
† ,, ,, 30 ,,

6. LAHORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·268	1·327	1·233	·094	1·413	30th	1·105	23rd	·308
February	1·279	1·338	1·239	·099	1·502	9th	·951	15th	·551
March	1·142	1·192	1·103	·089	1·378	5th	·933	15th	·445
April	1·030	1·082	·986	·096	1·249	8th	·771	24th	·478
May	·874	·927	·832	·095	1·100	1st	·616	27th	·484
June	·740	·801	·691	·110	·951	10th	·512	23rd	·439
July	·731	·774	·690	·084	·962	3rd	·546	18th	·416
August	·869	·916	·834	·082	1·007	26th	·732	17th	·275
September	·962	1·017	·920	·097	1·178	24th	·815	10th	·363
October	1·147	1·200	1·110	·090	1·365	22nd	·954	4th	·411
November	1·317	1·368	1·286	·082	1·479	23rd	1·174	2nd	·305
December	1·331	1·382	1·304	·078	1·507	24th	1·179	11th	·328
Year	1·058	1·110	1·019	·091	1·507	...	·512	...	·995

7. LUDHIANA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	1·135*	1·190*	1·105*	·084*	1·287	30th	·978	23rd	·309
February .	1·150	1·208	1·109	·099	1·364	9th	·878	16th	·486
March . .	1·022	1·075	·980	·096	1·277	5th	·832	15th	·445
April . .	·920	·975	·877	·098	1·123	8th	·705	25th	·418
May . .	·763	·821	·718	·103	·952	1st	·541	31st	·411
June . .	·645	·706	·595	·111	·884	2nd	·466	7th & 8th	·418
July . .	·633	·681	·589	·092	·828	3rd	·422	18th	·406
August . .	·768	·817	·730	·087	·894	26th	·661	17th & 30th.	·233
September .	·855	·917	·805	·111	1·077	30th	·715	6th	·362
October .	1·030	1·084	·991	·094	1·215	25th	·849	14th	·366
November .	1·188	1·247	1·150	·097	1·363	21st	1·053	2nd	·310
December .	1·192	1·247	1·161	·085	1·339	17th	1·049	11th	·290
Year . .	·942	·997	·901	·096	1·364	...	·422	...	·942

8. MOOLTAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	29+	28+		29+		28+		
January	1·580	·634	1·549	·085	·714	7th	1·428	22nd	·286
February	1·585	·643	1·546	·097	·817	9th	1·295	16th	·522
March	1·440	·496	1·395	·100	·719	3rd	1·232	15th	·487
April	1·327	·393	1·272	·121	·604	8th	1·044	25th	·560
May	1·151*	·212*	1·108	·108*	·417	1st	·899	27th	·518
June	·997	·054	·951	·103	·202	11th	·730	23rd	·472
July	·986	·025	·949	·076	·219	2nd	·817	26th	·402
August	1·140	·186	1·107	·079	·317	24th	·940	2nd	·377
September	1·032	·286	1·190	·096	·449	24th	1·062	15th	·387
October	1·422	·483	1·375	·107	·687	22nd	1·204	19th	·483
November	1·609	·669	1·568	·101	·769	22nd	1·461	7th	·308
December	1·646	·706	1·610	·096	·828	26th	1·504	1st	·324
Year	1·343	·399	1·302	·097	·828	...	·730	...	1·098

* Mean of 30 days.

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

9. JACOBABAD.

10. KURRACHEE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	29+	29+	29+		29 +		28+			29+	29+	29+		29+		29+		
January .	·822	·894	·771	·123	·959	19th	1·654	22nd	·305	·962	1·027	·916	·110	1·100	3rd	·837	23rd	·263
February .	·824	·898	·770	·127	1·110	9th	1·468	15th	·642	·969	1·031	·922	·109	1·200	2nd	·657	15th	·543
March . .	·657	·730	·595	·135	·911	3rd	1·435	18th	·476	·831	·884	·784	·100	1·023	5th	·695	17th	·328
April . .	·524	·592	·465	·127	·833	1st	1·261	24th	·572	·762	·810	·716	·094	·955	1st	·549	25th	·406
May . .	·386	·439	·336	·102	·621	5th	1·173	31st	·448	·639	·681	·599	·082	·847	5th	·460	31st	·387
June . .	·220	·279	·173	·107	·429	12th	·953	23rd	·476	·465	·500	·429	·071	·592	5th	·288	24th	·304
July . .	·195	·255	·138	·117	·432	3rd	·973	26th	·459	·451	·479	·412	·067	·554	5th	·311	26th	·243
August . .	·352	·414	·305	·109	·542	24th	1·128	2nd	·414	·590	·622	·553	·069	·755	25th	·445	6th	·310
September .	·470	·535	·418	·117	·684	30th	1·287	15th	·397	·707	·744	·666	·078	·864	30th	·570	6th	·294
October .	·667	·733	·616	·117	·930	22nd	1·457	4th	·473	·852	·897	·805	·092	1·027	22nd	·664	11th	·363
November .	·847	·913	·802	·111	1·021	9th	1·672	2nd	·349	·968*	1·023†	·923*	·098*	1·129	20th	·815	2nd	·314
December .	·902	·968	·860	·108	1·081	30th	1·715	14th	·366	1·024‡	1·082‡	·977‡	·104‡	1·183	30th	·854	14th	·329
Year . .	·572	·638	·521	·117	1·110	...	·953	...	·157	·768	·815	·725	·090	1·200	...	·288	...	·912

* Mean of 23 days.
† „ „ 24 „
‡ Mean of 30 days.

11. JEYPORE.

12. AJMERE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		27+			27+	27+	27+		27+		27+		
January .	·545	·606	·503	·103	·696	29th	1·369	23rd	·327	1·374	1·433	1·328	·105	·516	29th	1·204	23rd	·312
February .	·545	·609	·500	·109	·757	9th	1·245	15th	·512	1·379	1·439	1·326	·113	·593	9th	1·051	15th	·542
March . .	·409	·469	·360	·109	·643	5th	1·235	18th	·408	1·236	1·294	1·186	·109	·460	5th	1·070	18th	·390
April . .	·348	·411	·295	·116	·534	8th	1·155	25th	·379	1·182	1·246	1·131	·115	·379	8th	·974	25th	·405
May . .	·223	·276	·171	·105	·379	1st & 5th.	1·056	8th	·323	1·072	1·127	1·022	·105	·234	5th	·916	28th	·318
June . .	·105	·157	·052	·105	·260	2nd	·967	15th	·293	·953	1·002	·891	·112	·081	10th	·769	23rd	·312
July . .	·087	·131	·039	·092	·235	31st	·955	3rd	·280	·913	·960	·874	·087	·039	31st	·781	3rd	·258
August . .	·221	·265	·177	·088	·377	26th	1·060	10th	·317	1·053	1·097	1·015	·082	·217	26th	·881	10th	·336
September .	·294	·348	·246	·102	·491	30th	1·127	15th	·364	1·127	1·183	1·083	·100	·310	30th	·975	15th	·335
October .	·458	·515	·410	·105	·640	25th	1·260	14th	·380	1·285	1·338	1·238	·100	·470	25th	1·102	14th	·368
November .	·587	·647	·546	·101	·757	23rd	1·455	2nd	·302	1·409	1·462	1·362	·100	·559	23rd	1·270	2nd	·289
December .	·585	·648	·544	·104	·777	24th	1·442	16th	·335	1·412	1·466	1·369	·097	·572	24th	1·259	1st	·313
Year . .	·367	·424	·320	·103	·777	...	·955	...	·822	1·200	1·254	1·152	·102	·593	...	·769	...	·824

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

13. MOUNT ABU.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		25+		
January .	Not recorded.								
February .	1·137	1·177	1·098	·079	1·289	10th.	·908	16th	·381
March . .	1·044	1·085	1·004	·081	1·211	5th	·933	18th	·278
April . .	1·041	1·083	·999	·085	1·200	10th	·850	25th	·350
May . .	·953*	·985*	·920*	·066	1·104	14th	·823	31st	·281
June . .	·829	·862	·795	·067	·947	4th	·686	23rd	·261
July . .	·784	·811	·756	·055	·876	6th	·688	21st	·188
August . .	·890	·919	·860	·059	1·033	26th	·725	11th	·308
September .	·979	1·012	·945	·067	1·136	30th	·860	12th	·276
October .	1·107	1·144	1·069	·075	1·225	25th	·973	14th	·252
November .	1·167	1·203	1·131	·072	1·284	23rd	1·040	2nd	·244
December .	1·145	1·181	1·109	·072	1·278	30th	1·036	1st	·242
Year . .	?	?	?	?	1·289	...	·686	...	·603

14. CHAKRATA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		22+		
January .	·317	·363	·297	·066	·448	18th	1·167	25th	·281
February .	·296	·349	·275	·074	·435	1st, 2nd & 8th.	1·143	16th	·292
March . .	·269	·308	·255	·053	·409	2nd	1·148	15th	·261
April . .	·283	·322	·268	·054	·503	7th	1·154	25th	·349
May . .	·190	·224	·176	·048	·340	1st	1·067	8th	·273
June . .	·095	·125	·069	·056	·240	2nd	·978	23rd	·262
July . .	·055	·081	·041	·040	·241	2nd	·944	18th	·297
August . .	·145	·171	·127	·044	·251	26th	1·073	1st	·178
September .	·213	·243	·196	·047	·373	23rd	1·103	15th	·270
October .	·293	·324	·274	·050	·416	21st	1·167	14th	·249
November .	·330	·370	·310	·060	·437	23rd	1·228	2nd	·209
December .	·307	·349	·288	·061	·456	24th	1·113	11th	·343
Year . .	·233	·269	·215	·054	·503	...	·944	...	·559

* Mean of 25 days.

15. RANIKHET.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		24+		23+		
January .	1·066	1·105	1·058	·047	·250	16th	·936	27th	·314
February .	1·107	1·140	1·098	·042	·230	9th	·953	17th	·277
March . .	1·052	1·075	1·043	·032	·210	3rd	·954	15th	·256
April . .	1·064	1·097	1·052	·045	·198	8th	·933	28th	·265
May . .	1·021	1·048	1·017	·031	·144	1st	·905	8th	·239
June . .	·898	·938	·882	·056	·079	3rd	·801	24th	·278
July . .	·887	·919	·872	·047	·080	2nd	·763	17th	·317
August . .	·969	1·012	·956	·055	·108	26th	·912	1st	·196
September .	1·029	1·072	1·013	·059	·212	23rd	·944	15th	·268
October .	1·126	1·173	1·109	·064	·282	21st	1·011	14th	·271
November .	1·178	1·224	1·158	·066	·277	22nd	1·095	6th	·182
December .	1·144	1·191	1·127	·064	·300	24th	1·028	11th	·272
Year . .	1·045	1·083	1·032	·051	·300	...	·763	...	·537

16. PITHORAGARH.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+		24—		24—		
January .	·752	·800	·733	·067	·884	18th	·625	23rd	·259
February .	·772	·819	·748	·071	·888	9th	·598	16th	·290
March . .	·713	·758	·683	·075	·888	4th	·520	14th	·368
April . .	·704	·751	·678	·073	·864	7th	·604	24th	·260
May . .	·648	·691	·629	·062	·763	1st	·522	31st	·241
June . .	·544	·594	·518	·076	·700	2nd & 3rd.	·427	23rd	·273
July . .	·517	·553	·496	·057	·704	3rd	·369	17th	·335
August . .	·596	·639	·583	·056	·714	26th	·522	30th	·192
September .	·667	·711	·651	·060	851	23rd	·564	6th	·287
October .	·764	·811	·747	·064	·893	21st	·657	14th	·236
November .	·822	·870	·800	·070	·927	22nd & 23rd.	·746	6th	·181
December .	·797	·847	·776	·071	·944	24th	·690	11th	·254
Year . .	·691	·737	·670	·067	·944	...	·369	...	·575

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

17. DEHRA.

MONTH.	Mean.	9·30 hours.	15·30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·696	·743	·669	·074	·852	18th	·558	1st	·294
February	·696	·742	·665	·077	·880	9th	·431	16th	·449
March	·594	·644	·560	·084	·842	4th	·417	15th	·425
April	·521	·573	·496	·077	·748	7th	·389	21st	·359
May	·430	·482	·397	·085	·582	15th	·289	25th	·293
June	·310	·366	·275	·091	·465	12th	·167	5th	·298
July	·303	·338	·282	·056	·470	2nd	·173	17th	·297
August	·426	·459	·405	·054	·528	7th	·282	30th	·246
September	·505	·556	·469	·088	·731	23rd	·376	6th	·355
October	·649	·703	·618	·085	·810	21st	·489	5th	·321
November	·764	·818	·732	·086	·906	23rd	·656	10th	·250
December	·743	·795	·712	·083	·917	24th	·627	6th	·290
Year	·553	·602	·523	·078	·917	...	·167	...	·750

18. ROORKEE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·054	1·114	1·016	·098	1·226	18th	·890	23rd	·336
February	1·053	1·114	1·007	·107	1·258	2nd	·770	16th	·488
March	·926	·985	·882	·103	1·188	4th	·741	15th	·447
April	·823	·887	·777	·110	1·059	7th	·671	21st & 22nd.	·388
May	·709	·773	·658	·115	·883	14th	·508	31st	·375
June	.588	·654	·532	·122	·760	11th	·399	6th	·361
July	·583	·632	·540	·092	·771	31st	·369	18th	·402
August	·706	·756	·662	·094	·843	26th	·599	30th	·244
September	·802	·859	·758	·101	1·055	23rd	·637	6th	·418
October	·964	1·028	·923	·105	1·124	21st	·781	5th	·343
November	1·110	1·175	1·067	·108	1·264	23rd & 24th.	·976	2nd	·288
December	1·114	1·177	1·077	·100	1·348	24th	·965	11th	·383
Year	·869	·930	·825	·105	1·348	...	·369	...	·979

19. MEERUT.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·229	1·287	1·188	·099	1·390	30th	1 047	23rd	·343
February	1·229	1·288	1·182	·106	1·445	9th	·944	15th	·501
March	1·092	1·149	1·051	·098	1·324	4th	·902	15th	·422
April	·996	1·059	·947	·112	1·219	7th	·824	23rd	·395
May	·867	·929	·821	·108	1·037	14th	·671	25th	·366
June	·746	·811	·698	·113	·917	12th	·567	6th	·350
July	·746	·793	·706	·087	·910	31st	·550	18th	·360
August	·863	·916	·824	·092	1·010	26th	·746	23rd	·264
September	·955	1·015	·913	·102	1·198	23rd	·813	6th	·385
October	1·126	1·183	1·082	·101	1·299	28th	·924	5th	·375
November	1·273	1·334	1·230	·104	1·434	22nd	1·128	2nd	·306
December	1·288	1·346	1·248	·099	1·519	24th	1·144	6th	·375
Year	1·034	1·093	·991	·102	1·519	...	·550	...	·969

20. AGRA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January	1·435	1·502	1·393	·109	·616	29th	1·231	23rd	·385
February	1·433	1·497	1·386	·111	·653	2nd	1·152	15th	·501
March	1·278	1·348	1·233	·115	·537	4th	1·107	18th	·430
April	1·191	1·264	1·135	·129	·396	7th	1·015	24th	·381
May	1·049	1·117	·998	·119	·272	18th	·866	25th & 26th.	·406
June	·922	·993	·866	·127	·109	10th	·779	21st	·330
July	·939	·983	·899	·084	·084	2nd	·809	18th	·275
August	1·066	1·121	1·018	·103	·209	26th	·912	10tb	·297
September	1·144	1·197	1·103	·094	·378	30th	1·000	11th	·378
October	1·323	1·386	1·282	·104	·536	25th	1·109	5th	·427
November	1·484	1·546	1·443	·103	·636	24th	1·325	2nd	·311
December	1·492*	1·560	1·450*	·107*	·702	24th	1·329	16th	·373
Year	1·230	1·293	1·184	·109	·702	...	·779	...	·923

* Mean of 30 days.

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

21. LUCKNOW.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·612	·676	·567	·110	·786	29th	1·391	23rd	·395
February	·601	·666	·549	·117	·833	2nd	1·289	16th	·544
March	·450	·510	·401	·109	·695	4th	1·272	14th	·423
April	·356	·419	·296	·123	·568	7th	1·159	24th	·418
May	·236	·303	·177	·126	·437	14th	1·041	31st	·396
June	·109	·162	·052	·110	·267	11th	·930	6th	·337
July	·126	·172	·074	·097	·329	3rd	·979	17th	·350
August	·253	·298	·195	·103	·378	26th	1·088	10th	·290
September	·332	·385	·272	·112	·569	30th	1·160	11th	·409
October	·498	·557	·449	·108	·672	25th	1·301	14th	·371
November	·654	·716	·608	·108	·817	23rd	1·525	6th	·292
December	·661	·728	·616	·112	·891	24th	1·492	6th	·399
Year	·407	·466	·355	·111	·891	...	·930	...	·961

22. ALLAHABAD.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·672	·746	·624	·122	·865	29th	·443	23rd	·422
February	·668	·744	·610	·134	·899	2nd	·344	16th	·555
March	·511	·586	·457	·129	·771	4th	·321	14th	·450
April	·424	·494	·364	·130	·620	7th	·211	24th	·409
May	·302	·364	·240	·124	·496	14th	·109	25th	·387
June	·181	·232	·125	·107	·351	2nd	·018	24th	·333
July	·199	·243	·151	·092	·395	3rd	·051	22nd	·344
August	·310	·354	·257	·097	·459	26th	·132	10th	·327
September	·380	·432	·321	·111	·625	30th	·236	11th	·389
October	·563	·627	·510	·117	·745	25th	·374	14th	·371
November	·720	·788	·671	·117	·900	23rd	·591	2nd	·309
December	·732	·804	·684	·120	·961	24th	·580	5th	·381
Year	·472	·535	·418	·117	·961	...	·018	...	·943

23. GHAZIPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·774	·846	·723	·123	·972	29th	·548	23rd	·424
February	·758	·835	·697	·138	·989	2nd	·400	16th	·589
March	·606	·680	·548	·132	·890	4th	·405	14th	·485
April	·506	·581	·438	·143	·728	7th	·266	24th	·462
May	·401	·464	·339	·125	·606	14th	·219	8th	·387
June	·294	·346	·233	·113	·448	11th	·127	5th	·321
July	·296	·343	·242	·101	·523	3rd	·125	17th	·398
August	·401	·451	·342	·109	·547	26th	·242	10th	·305
September	·470	·521	·409	·112	·705	29th	·287	6th	·418
October	·642	·708	·586	·111	·843	28th	·373	25th	·470
November	·819	·885	·768	·117	·995	22nd	·692	1st & 13th.	·303
December	·826	·897*	·773*	·124	1·056	24th	·658	6th	·398
Year	·566	·630	·508	·121	1·056	...	·125	...	·931

24. NOWGONG.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·213	1·280	1·166	·113	1·369	29th	1·004	23rd	·365
February	1·210	1·279	1·157	·122	1·426	10th	·914	16th	·512
March	1·069	1·135	1·014	·121	1·285	3rd	·896	18th	·389
April	·999	1·065	·943	·122	1·178	1st	·837	22nd	·341
May	·867	·922	·812	·110	1·011	1st	·717	27th	·294
June	·739	·789	·681	·108	·904	2nd	·547	23rd	·357
July	·760	·796	·722	·074	·887	4th	·631	2nd	·256
August	·871	·914	·824	·090	1·023	26th	·667	10th	·356
September	·933	·982	·879	·103	1·156	30th	·798	11th	·358
October	1·110	1·165	1·064	·101	1·284	25th	·933	5th	·351
November	1·248	1·307	1·202	·106	1·411	23rd	1·125	2nd	·286
December	1·257	1·325	1·209	·115	1·455	24th	1·109	1st	·346
Year	1·023	1·080	·973	·107	1·455	...	·547	...	·908

* Mean of 30 days.

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

25. SUTNA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	·929	·995	·882	·112	1·093	29th	·724	23rd	·369
February .	·919	·991	·864	·127	1·147	2nd	·618	16th	·529
March . .	·760	·835	·702	·132	·993	6th	·579	14th	·414
April . .	·699	·769	·640	·129	·873	7th	·521	24th	·352
May . .	·567	·626	·508	·118	·722	1st	·399	25th	·323
June . .	·459	·506	·404	·102	·611	3rd	·306	23rd	·305
July . .	·472*	·516*	·426*	·089†	·633	3rd	·306	2nd	·327
August . .	·569	·615	·521	·094	·726	26th	·363	10th	·363
September .	·638	·689	·583	·106	·862	30th	·474	26th	·388
October .	·817	·874	·770	·103	·986	25th	·638	14th	·348
November .	·953	1·014	·906	·108	1·120	23rd	·822	2nd	·298
December .	·956	1·025	·907	·118	1·171	24th	·810	1st	·361
Year . .	·728	·788	·676	·112	1·171	.....	·306	...	·865

* Mean of 23 days.
† „ „ 22 „

26. DURBHUNGA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·818	·890	·761	·129	1·015	31st	·637	24th	·378
February .	·795‡	·872	·734‡	·135‡	1·027	2nd	·536	16th	·491
March . .	·633	·705	·571	·134	·926	4th	·413	23rd	·513
April . .	·573	·648	·503	·145	·831	7th	·346	24th	·485
May . .	·483	·552	·418	·134	·770	14th	·254	31st	·516
June . .	·382	·432	·320	·112	·527	3rd	·151	24th	·576
July . .	·363	·407	·307	·100	·603	3rd	·188	17th	·415
August . .	·472§	·518§	·415§	·103§	·643§	26th	·355	10th	·288
September .	·551	·606	·485	·121	·772	30th	·375	6th	·397
October .	·709§	·770	·653§	·119§	·891	28th	·493	14th	·398
November .	·863‖	·928‖	·808‖	·120‖	1·042	23rd	·730	12th	·312
December .	·866	·935	·808	·127	1·099	24th	·678	6th	·421
Year . .	·626	·689	·565	·123	1·099	...	·151	...	·948

‡ Mean of 27 days.
§ „ „ 30 „
‖ „ „ 28 „

27. PATNA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	791	·858	·741	·117	·990	29th	·579	23rd	·411
February .	·778	·850	·717	·133	1·013	2nd	·481	16th	·532
March . .	·617	·685	·557	·128	·894	4th	·401	14th	·493
April . .	·538	·611	·469	·142	·785	7th	·305	24th	·480
May . .	·433	·503	·366	·137	·703	14th	·226	8th	·477
June . .	·330	·380	·267	·113	·472	2nd	·122	5th	·350
July . .	·324	·368	·269	·099	·563	3rd	·158	17th	·405
August . .	·433	·481	·375	·106	·580	26th	·295	10th	·285
September .	·512	·565	·449	·116	·741	30th	·348	6th	·393
October .	·683	·743	·630	·113	·859	21st	·455	14th	·404
November .	·847	·908	·795	·113	1·023	23rd	·720	6th	·303
December .	·846	·913	·791	·122	1·079	24th	·674	6th	·405
Year . .	·594	·655	·536	·120	1·079	...	·122	...	·957

28. HAZARIBAGH.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January . .	·924	·978	·886	·092	1·076	29th & 31st.	·747	23rd	·329
February .	·942	·997	·895	·102	1·114	2nd	·660	16th	·454
March . .	·823	·879	·777	·102	1·034	3rd	·651	14th	·383
April . .	·772	·821	·719	·102	·934	7th	·570	24th	·364
May . .	·665	·709	·613	·096	·834	14th	·506	31st	·328
June . .	·569	·606	·513	·093	·702	3rd	·400	23rd	·302
July . .	·556	·586	·510	·076	·765	3rd	·402	21st & 22nd.	·363
August . .	·640	·678	·597	·081	·752	26th	·505	13th	·247
September .	·708	·750	·657	·093	·890	30th	·554	15th	·336
October .	·867	·909	·820	·089	1·015	21st	·628	14th	·387
November .	·992	1·041	·949	·092	1·149	23rd	·879	1st	·270
December .	·980	1·037	·945	·092	1·174	24th	·868	1st	·306
Year . .	·787	·833	·740	·093	1·174	...	·400	...	·774

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

29. DARJEELING.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	22+	22+	22+		22+		22+		
January . .	·925	·968*	·897	·073*	1·116	9th	·753	25th	·363
February .	·946	·989	·912	·077	1·112	11th	·751	16th	·361
March .	·870†	·907*	·832*	·075	1·053	4th	·662	14th	·391
April . .	·924	·966‡	·887§	·079	1·079	8th	·790	23rd	·289
May . .	·893	·934†	·857	·074†	1·012	5th	·753	8th	·259
June . .	·833	·864†	·806‡	·058	·940	3rd	·702	23rd	·238
July . .	·840†	·853	·799†	·054	1·018	2nd	·680	17th	·338
August . .	·891*	·919	·857*	·062	·997	26th	·768	30th	·229
September .	·938‖	·975†	·898‖	·073‖	1·105	17th	·835	6th	·270
October .	1·014§	1·047	·979*	·068	1·128	21st	·881	4th	·247
November .	1·040†	1·075†	1·013†	·062†	1·138	23rd	·955	2nd & 6th.	·183
December .	·967	1·004	·933	·071	1·077	1st	·851	26th	·226
Year . .	·923	958	·889	·069	1·138	...	·662	...	·476

* Mean of 30 days.
† „ „ 29 „
‡ „ „ 28 „
§ Mean of 27 days.
‖ „ „ 26 „

30. PEDONG.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		25+		
January	Observations not recorded.								
February									
March									
April									
May									
June									
July									
August									
September	·215	·258	·166	·092	·409	23rd	·072	6th	·337
October	·304	·354	·256	·098	·447	21st	·147	4th	·300
November	·377	·428†	·333	·093†	·503	23rd	·264	6th	·239
December	·328	·383§	·271†	·117§	·522	24th	·169	10th	·353
Year	...	...	...	...	...	...	...	...	...

31. BERHAMPORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·895	·968	·846	·122	1·082	29th	·695	24th	·387
February .	·888	·971	·832	·139	1·121	2nd	·623	17th	·498
March . .	·735	·816	·676	·140	1·003	5th	·529	14th	·474
April . .	·666	·741	·595	·146	·923	7th	·403	24th	·520
May . .	·582	·646	·511	·135	·826	14th	·345	7th	·481
June . .	·481	·526	·423	·103	·643	2nd & 3rd.	·237	23rd	·406
July . .	·472	·511	·418	·093	·701	3rd	·327	17th & 20th.	·374
August . .	·572	·618	·510	·108	·707	26th	·421	10th	·286
September .	·646	·702	·583	·119	·860	30th	·476	6th	·384
October .	·792	·851	·742	·109	·976	28th	·560	14th	·416
November .	·945	1·001	·902	·099	1·117	23rd	·834	2nd	·283
December .	·954	1·027	·901	·126	1·167	24th	·794	10th	·373
Year . .	·719	·782	·662	·120	1·167	...	·237	...	930

32. BURDWAN.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·860	·937	·808	·129	1·049	29th	·634	24th	·415
February	·852	·938	·792	·146	1·099	2nd	·578	16th	·521
March	·710	·786	·651	·135	·973	5th	·492	25th	·481
April	·627	·703	·555	·148	·869	7th	·376	24th	·493
May	·539	·602	·470	·132	·808	14th	·316	7th	·492
June	·448	·492	·390	·102	·612	3rd	·224	23rd	·388
July	·432	·473†	·378*	·095	·674	3rd	·272	20th	·402
August	·548	·595‡	·486‡	·109	·683	26th	·388	10th	·295
September	·618	·673	·557	·116	·840	30th	·454	15th	·386
October	·768	·829	·717	·112	·958	28th	·545	14th	·413
November	·927	·993	·874	·119	1·106	23rd	·777	2nd	·329
December	·938	1·013	·883	·130	1·151	24th	782	10th	·369
Year	·689	·753	·630	·123	1·151	...	·224	...	·927

* Mean of 28 days.
† „ „ 29 „
‡ „ „ 25 „

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

33. CALCUTTA (*Alipore*).

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·944	1·020	·892	·128	1·128	29th	·736	24th	·392
February . .	·946	1·024	·890	·134	1·170	2nd	·676	16th	·494
March . .	·803	·878	·742	·136	1·065	5th	·602	25th	·463
April . .	·732	·799	·669	·130	·957	7th	·484	24th	·473
May . .	·638	·696	·577	·119	·890	14th	·419	7th	·471
June . .	·551	·588	·501	·087	·704	3rd	·378	23rd	·326
July . .	·536	·570	·489	·081	·761	3rd	·347	20th	·414
August . .	·631	·672	·580	·092	·752	26th	·463	10th	·289
September .	·696	·744	·644	·100	·906	30th	·537	15th	·369
October .	·841	·899	·792	·107	1·024	28th	·653	14th	·371
November .	·994	1·059	·944	·115	1·167	23rd	·865	2nd	·302
December .	1·006	1·082	·950	·132	1·233	24th	·860	10th	·373
Year . .	·777	·836	·723	·113	1·233	...	·347	...	·886

34. SAUGOR ISLAND.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·942	1·014	·891	·123	1·116	29th	·753	24th	·363
February . .	·943	1·020	·891	·129	1·170	2nd	·694	16th	·476
March . .	·810	·880	·754	·126	1·066	2nd	·626	25th	·440
April . .	·743	·811	·684	·127	·957	7th	·501	24th	·456
May . .	·645	·701	·584	·117	·909	14th	·445	7th	·464
June . .	·554	·593	·504	·089	·714	3rd	·359	30th	·355
July . .	·535	·572	·486	·086	·775	3rd	·332	1st	·443
August . .	·627	·667	·577	·090	·748	26th	·449	10th	·299
September .	·687	·737	·632	·105	·897	30th	·498	15th	·399
October .	·835	·890	·789	·101	1·011	28th	·646	14th	·365
November .	·985	1·046	·935	·111	1·152	23rd	·841	2nd	·311
December .	·999	1·069	·945	·124	1·205	24th	·859	13th	·346
Year . .	·775	·833	·723	·111	1·205	...	·332	...	·873

35. DACCA.

MONTH.	Mean.	19 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·933	·998	·880*	·118	1·081	31st	·756	24th	·325
February .	·933	1·003	·876	·127	1·141	2nd	·684	17th	·457
March . .	·799	·870	·736	·134	1·021	2nd & 3rd.	·604	14th	·417
April . .	·755	·820	·692	·128	·977	7th	·540	24th	·437
May . .	·669	·723	·610	·113	·899	13th	·442	8th	·457
June . .	·580	·618	·529	·089	·740	3rd	·403	30th	·337
July . .	·562	·594	·511	·083	·762	3rd	·419	17th	·343
August . .	·658	·692	·602	·090	·788	26th	·522	10th	·266
September .	·715	·763	·656	·107	·896	30th	·545	6th	·351
October .	·840	·893	·790	·103	1·021	28th	·677	4th	·344
November .	·975	1·033	·924	·109	1·135	23rd	·856	11th	·279
December .	·990	1·057	·939	·118	1·179	24th	·854	10th	·325
Year . .	·784	·839	·729	·110	1·179	...	·403	...	·776

36. CHITTAGONG.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·875	·936	·820	·116	1·023	7th	·731	1st	·292
February .	·882	·949	·829	·120	1·068	2nd	·673	16th	·395
March . .	·777	·838	·727	·111	·987	4th	·611	14th	·376
April . .	·736	·797	·687	·110	·929	7th	·562	25th	·367
May . .	·638	·694	·580	·114	·915	13th	·361	7th	·554
June . .	·567	·604	·518	·086	·714	25th	·331	30th	·383
July . .	·556	·589	·509	·080	·764	3rd	·397	18th	·367
August . .	·641	·680	·587	·093	·770	22nd	·483	9th	·287
September .	·678	·728	·620	·108	·853	23rd	·492	6th	·361
October .	·795	·848	·742	·106	·955	28th	·629	4th	·326
November .	·917	·964	·875	·089	1·052	22nd	·779	2nd	·273
December .	·935	·989	·888	·101	1·089	24th	·815	6th	·274
Year . .	·750	·801	·699	·103	1·089	...	·331	...	·758

* Mean of 30 days.

TABLE V.—MONTHLY MEANS AND EXRTEMES OF PRESSURE IN 1890.

37. DHUBRI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·856	·934	·791	·143	1·031	31st	·670	25th	·361
February	·834	·919*	·751	·161*	1·062	2nd	·560	17th	·502
March	·666	·751	·586	·165	·964	3rd	·417	25th	·547
April	·650	·731	·581	·150	·910	7th	·423	24th	·487
May	·571	·639	·512	·127	·802	15th	·328	8th	·474
June	·483	·529	·419	·110	·669	3rd	·273	23rd	·396
July	·455	·498	·395	·103	·695	2nd	·297	17th	·398
August	·546	·596	·485	·111	·706	26th	·393	9th	·313
September	·629	·687	·558	·129	·833	29th	·433	6th	·400
October	·755	·822	·697	·125	·946	28th	·564	4th	·382
November	·895	·967	·835	·132	1·072	23rd	·747	12th	·325
December	·898	·977	·833	·144	1·128	24th	·711	10th	·417
Year	·687	·754	·620	·133	1·128	...	·273	...	·855

38. SIBSAGAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·675	·747	·605	·142	·848	31st	·478	25th	·370
February	·642	·724	·562	·162	·853	2nd	·381	26th	·472
March	·516	·593	·432	·161	·795	3rd	·233	14th	·562
April	·483	·557	·414	·143	·736	6th	·243	24th	·493
May	·390	·462	·320	·142	·667	14th	·146	8th	·521
June	·296	·355	·229	·126	·466	3rd	·117	30th	·349
July	·264	·323	·198	·125	·432	2nd	·131	21st	·301
August	·343	·407	·276	·131	·500	26th	·176	9th	·324
September	·436	·502	·365	·137	·676	23rd	·229	6th	·447
October	·569	·637	·500	·137	·749	31st	·398	5th	·351
November	·702	·777	·627	·150	·886	23rd	·551	12th	·335
December	·668	·739	·591	·148	·844	24th	·513	10th	·331
Year	·449	·569	·427	·142	·886	...	·117	...	·769

* Mean of 27 days.

39. SILCHAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·866	·932	·801	·131	1·016	31st	·697	1st	·319
February	·858	·933	·791	·142	1·062	2nd	·633	16th	·429
March	·743	·814	·681	·133	·977	4th	·519	25th	·458
April	·714	·781	·645	·136	·926	7th	·544	25th	·382
May	·612	·675	·547	·128	·856	14th	·365	8th	·491
June	·537	·578	·475	·103	·689	3rd	·312	30th	·377
July	·512	·555	·450	·105	·700	3rd	·348	21st	·352
August	·595	·644	·528	·116	·724	26th	·422	10th	·302
September	·646	·707	·576	·131	·840	23rd	·444	6th	·396
October	·771	·830	·704	·126	·938	28th	·584	4th	·354
November	·897	·962	·840	·122	1·056	23rd	·765	2nd	·291
December	·914	·983	·852	·131	1·094	24th	·778	1st	·316
Year	·722	·783	·658	·125	1·094	...	·312	...	·782

40. FALSE POINT.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·958	1·019	·907	·112	1·114	29th	·766	24th	·348
February	·964	1·024	·909	·115	1·173	2nd	·708	16th	·465
March	·827	·888	·768	·120	1·078	2nd	·646	25th	·432
April	·763	·823	·705	·118	·962	7th	·540	24th	·422
May	·645	·698	·588	·110	·865	14th	·455	7th	·410
June	·562	·601	·514	·087	·718	3rd	·349	18th	·369
July	·559	·595	·510	·085	·804	4th	·198	1st	·606
August	·634	·674	·584	·090	·757	28th	·496	9th	·261
September	·674	·724	·619	·105	·887	30th	·503	15th	·384
October	·839	·888	·794	·094	1·019	28th	·620	13th	·399
November	·998	1·049	·949	·100	1·164	23rd	·846	2nd	·318
December	1·011	1·067	·961	·106	1·189	24th	·866	11th	·323
Year	·786	·838	·734	·104	1·189	...	·198	...	·991

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

41. CUTTACK.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·896	·964	·836	·128	1·068	31st	·674	24th	·394
February .	·893	·963	·821	·142	1·120	2nd	·620	16th	·500
March . .	·752	·820	·676	·144	1·008	2nd	·551	14th & 25th.	·457
April . .	·683	·750	·605	·145	·884	7th	·445	25th	·439
May . .	·565	·620	·489	·131	·795	14th	·352	7th	·443
June . .	·499	·536	·444	·092	·661	3rd	·279	18th	·382
July . .	·502	·535	·449	·086	·740	3rd	·203	1st	·537
August . .	·575	·614	·521	·093	·692	24th	·430	9th	·262
September .	·616	·662	·562	·100	·818	30th	·455	15th	·363
October .	·779	·832	·730	·102	·959	28th	·508	13th	·451
November .	·941	·997	·887	·110	1·115	23rd	·790	2nd	·325
December .	·947	1·012	·887	·125	1·145	24th	·789	11th	·356
Year . .	·721	·775	·659	·117	1·145	...	·203	...	·942

42. SAMBALPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January . .	·484	·553	·424	·129	·647	29th	1·275	24th	·372
February .	No observation.								
March . .	·352	·430	·265	·165	·591	2nd & 3rd	1·145	25th	·446
April . .	·293*	·366†	·213‡	·138*	·525	7th	1·052	24th	·473
May . .	·129	·196	·041	·155	·342	14th	·938	26th	·404
June . .	·080	·130	·011	·118	·212	3rd	·889	18th	·323
July . .	·096	·136	·036	·101	·324	3rd	·908	21st	·416
August . .	·169	·213	·110	·103	·309	29th	1·014	9th	·295
September .	·199	·250	·140	·110	·417	30th	1·035	15th	·382
October .	·377	·434	·323	·111	·539	21st	1·157	13th	·382
November .	·529	·589	·471	·118	·696	23rd	1·364	2nd	·332
December .	·536	·603	·474	·129	·720	24th	1·380	13th	·340
Year . .	?	?	?	?	·720	...	·889	...	·831

* Mean of 25 days.
† „ „ 27 „
‡ „ „ 26 „

43. RAIPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	·980	1·052	·922	·130	1·141	31st	·786	24th	·355
February .	·968	1·047	·900	·147	1·179	2nd	·685	16th	·494
March . .	·839	·919	·769	·151	1·091	3rd	·662	14th	·429
April . .	·781	·859	·712	·147	·956	8th & 26th.	·601	24th	·355
May . .	·648	·710	·568	·142	·793	1st	·482	25th	·311
June . .	·593	·651	·524	·127	·722	26th	·431	19th	·291
July . .	·605	·652	·557	·095	·802	3rd	·395	2nd	·407
August . .	·679	·736	·626	·110	·882	25th	·528	10th	·354
September .	·701	·760	·639	·121	·916	30th	·534	15th	·382
October .	·882	·945	·827	·118	1·062	21st	·673	13th	·389
November .	1·018	1·084	·961	·123	1·192	23rd	·855	2nd	·337
December .	1·026	1·098	·969	·128	1·217	24th	·875	1st	·342
Year . .	·810	·876	·748	·128	1·217	...	·395	...	·822

44. KHANDWA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	·926	·990	·877	·114	1·070	8th	·800	24th	·270
February .	·901	·972	·842	·130	1·102	10th	·668	15th	·434
March . .	·778	·854	·711	·144	1·009	5th	·653	18th	·356
April . .	·725	·803	·656	·147	·893	8th	·559	29th	·334
May . .	·639	·711	·569	·143	·799	14th	·481	7th	·318
June . .	·544	·604	·474	·131	·675	4th	·342	18th	·333
July . .	·556	·604	·507	·097	·714	4th	·417	21st	·297
August . .	·657	·706	·611	·095	·812	26th	·486	6th	·326
September .	·687	·747	·625	·122	·865	27th	·487	10th	·378
October .	·834	·897	·778	·120	·996	29th	·652	11th	·344
November .	·935	·994	·883	·111	1·099	23rd	·789	2nd	·310
December .	·938	1·004	·885	·118	1·087	30th	·795	11th	·292
Year . .	·760	·824	·702	·123	1·102	...	·342	...	·760

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

45. HOSHANGABAD.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·961	1·032	·904	·128	1·107	7th	·812	24th	·295
February	·943	1·021	·878	·143	1·161	10th	·663	16th	·498
March	·810	·888	·741	·147	1·030	5th	·663	18th	·367
April	·757	·832	·691	·141	·927	1st	·597	22nd	·330
May	·655	·727	·584	·142	·826	14th	·500	31st	·326
June	·565	·621	·499	·122	·699	26th	·406	15th	·293
July	·571	·616	·526	·090	·710	5th	·421	21st	·289
August	·673	·725	·624*	·099*	·845	26th	·460	10th	·385
September	·794	·761	·644	·117	·893	30th	·548	25th	·345
October	·871	·932	·817	·115	1·038	28th & 29th.	·678	4th	·360
November	·987	1·051	·930	·121	1·150	23rd	·830	7th	·320
December	·990	1·061	·932	·129	1·163	24th	·838	12th	·325
Year	·791	·856	·731	·125	1·163	...	·406	...	·757

* Mean of 30 days.

46. JUBBULPORE.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		27+		
January	·636	·703	·584	·119	·782	31st	1·437	23rd	·345
February	·632†	·704†	·567	·133†	·839	10th	1·340	16th	·499
March	·489	·563	·424	·139	·721	3d	1·337	14th	·384
April	·436	·509	·374	·135	·603	1st	1·268	24th	·335
May	·317	·381	·254	·127	·478	14th	1·173	25th	·305
June	·222	·276	·158	·118	·368	3rd	1·051	19th	·317
July	·227	·273	·179	·094	·388	5th	·986	2nd	·402
August	·323	·370	·277	·093	·484	26th	1·109	10th	·375
September	·366	·418	·312	·105	·560	30th	1·191	26th	·369
October	·547	·603	·499	·105	·711	25th	1·383	14th	·328
November	·669	·729	·616	·113	·830	23rd	1·530	2nd	·300
December	·671	·737	·618	·120	·853	24th	1·514	12th	·339
Year	·461	·522	·405	·117	·853	...	·986	...	·867

† Mean of 27 days.

47. NAGPUR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·928	1·006	·866	·140	1·089	31st	·741	23rd	·348
February	·910	·991	·841	·150	1·110	2nd	·624	16th	·486
March	·780	·860	·708	·152	·989	6th	·641	14th	·348
April	·730	·810	·660	·150	·909	8th	·563	22nd	·346
May	·607	·677	·538	·139	·755	1st	·469	7th	·286
June	·564	·626	·492	·134	·697	3rd & 11th.	·392	15th	·305
July	·578	·626	·529	·097	·733	4th	·430	21st	·303
August	·654	·709	·603	·105	·799	29th	·487	10th	·312
September	·673	·730	·614	·116	·865	30th	·526	15th	·339
October	·844	·909	·786	·123	1·012	21st	·640	11th	·372
November	·969	1·033	·912	·121	1·142	23rd	·808	1st	·334
December	·974	1·044	·917	·128	1·148	24th	·824	13th	·324
Year	·768	·835	·706	·130	1·148	...	·392	...	·756

48 CHANDA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	29+	28+		29+		28+		
January	1·335	·410	1·275	·135	·491	31st	1·150	23rd	·341
February	1·310	·390	1·242	·148	·517	2nd	1·041	16th	·476
March	1·178	·260	1·107	·153	·412	3rd	1·031	23rd	·381
April	1·125	·206	1·053	·153	·318	8th	·942	23rd	·376
May	1·004	·078	·933	·145	·192	14th	·850	9th	·342
June	·966	·022	·900	·123	·096	26th	·826	6th	·270
July	·997	·044	·949	·095	·150	4th	·840	21st	·310
August	1·059	·114	1·011	·102	·199	26th	·904	6th	·295
September	1·072	·124	1·018	·106	·255	30th	·937	14th	·318
October	1·231	·291	1·179	·112	·393	21st & 25th.	1·016	11th	·377
November	1·358	·419	1·304	·116	·534	23rd	1·176	3rd	·358
December	1·375	·436	1·328	·108	·553	24th	1·219	11th	·334
Year	1·168	·233	1·108	·125	·553	...	·826	...	·727

49. SIRONCHA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·576	·653	·513	·140	·746	31st	·388	23rd	·358
February . .	·564	·645	·495	·150	·767	3rd	·319	16th	·448
March . .	·429	·521	·346	·175	·680	4th	·257	14th	·423
April . .	·373	·471	·284	·187	·584	8th	·187	23rd	·397
May . .	·243	·329	·158	·170	·440	14th	·060	7th	·380
June . .	·221	·284	·149	·135	·363	26th	·065	6th	·298
July . .	·257	·310	·202	·108	·414	4th	·074	21st	·340
August . .	·299	·356	·245	·111	·438	24th	·127	6th	·311
September .	·306	·365	·245	·120	·493	30th	·158	10th	·335
October .	·454	·519	·397	·122	·607	23rd	·233	11th	·374
November .	·589	·653	·532	·121	·764	23rd	·394	1st	·370
December .	·602	·673	·546	·127	·786	24th	·447	1st	·339
Year . .	·409	·482	·343	·139	·786	...	·060	...	·726

50. CHIKALDA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		25+		
January . .	·377	·435	·335	·100	·506	7th	1·235	23rd	·271
February . .	·382	·443	·334	·109	·543	10th	1·160	16th	·383
March . .	·288	·345	·242	·103	·443	6th	1·179	11th	·264
April . .	·270	·332	·220	·112	·432	8th	1·133	25th	·299
May . .	·190	·238	·145	·092	·327	1st	1·070	31st	·257
June . .	·093	·126	·049	·077	·209	3rd	·944	23rd	·265
July . .	·084	·119	·049	·070	·211	4th	·961	21st	·250
August . .	·161	·199	·127	·072	·299	26th	·983	10th	·316
September .	·189	·230	·147	·082	·351	29th	1·063	25th	·288
October .	·344	·394	·303	·090	·487	21st	1·174	11th	·313
November .	·423	·472	·382	·089	·567	23rd	1·286	6th	·281
December .	·422	·476	·382	·094	·565	24th	1·296	1st	·269
Year . .	·269	·317	·226	·091	·567	...	·944	...	·623

51. BULDANA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January . .	·823	·887	·775	·112	·950	7th	·687	23rd	·263
February . .	·824	·877	·762	·115	·972	10th	·593	16th	·379
March . .	·713	·780	·655	·125	·897	5th	·598	23rd	·299
April . .	·673	·740	·615	·125	·827	8th	·522	22nd	·305
May . .	·605	·665	·549	·116	·753	14th	·466	31st	·287
June . .	·523	·569	·469	·100	·631	27th	·389	15th	·242
July . .	·525	·572	·478	·095	·642	28th	·385	21st	·257
August . .	·605	·652	·562	·090	·742	26th	·448	7th	·294
September .	·622	·673	·569	·103	·782	29th	·469	10th	·313
October .	·755	·811	·708	·104	·917	21st	·590	11th	·327
November .	·840	·892	·797	·095	·987	23rd	·683	7th	·304
December .	·839	·902	·790	·112	·981	24th	·697	1st	·284
Year . .	·696	·752	·644	·108	·987	...	·385	...	·602

52. AKOLA.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	1·022	1·103	·957	·146	1·178	7th	·852	23rd	·326
February . .	1·001	1·083	·932	·152	1·206	2nd	·740	16th	·466
March . .	·881	·966	·806	·160	1·088	5th	·742	23rd	·346
April . .	·826	·909	·754	·155	1·003	8th	·647	22nd	·356
May . .	·739	·812	·668	·144	·906	14th	·586	7th	·320
June . .	·669	·724	·606	·118	·796	27th	·538	15th	·258
July . .	·691	·742	·641	·101	·836	4th	·526	21st	·310
August . .	·777	·838	·721	·117	·934	26th	·607	6th	·327
September .	·794	·853	·733	·120	·967	29th	·645	10th	·322
October .	·939	1·005	·881	·123	1·105	21st	·743	11th	·362
November .	1·053	1·121	·993	·128	1·223	23rd	·868	6th	·355
December .	1·063	1·136	1·004	·131	1·231	25th	·912	11th	·319
Year . .	·871	·941	·808	·133	1·231	...	·526	...	·705

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

	53. DEESA.									54. BOMBAY.								
MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	29+	29+	29+		29+		28+			29+	29+	29+		29+		29+		
January . .	·506	·574	·460	·115	·628	29th	1·351	23rd	·277	·922	·991	·869	·122	1·049	7th	·828	1st	·221
February .	·508	·574	·459	·115	·709	3rd	1·243	16th	·466	·918	·986	·867	·119	1·100	3rd	·741	15th	·359
March . .	·390	·456	·335	·121	·575	6th	1·233	18th	·342	·853	·919	·799	·120	1·063	5th	·697	19th	·366
April . .	·315	·383	·255	·128	·501	8th	1·152	29th	·349	·797	·863	·735	·128	·954	10th	·657	25th	·297
May . .	·221	·291	·152	·139	·396	13th	1·047	31st	·349	·769	·821	·721	·100	·916	14th	·588	31st	·328
June . .	·090	·144	·027	·117	·229	4th	·905	23rd	·324	·644	·681	·608	·073	·756	27th	·519	1st	·237
July . .	·078	·121	·032	·089	·210	6th	·955	21st	·255	·681	·714	·650	·064	·822	5th	·532	21st	·290
August .	·202	·253	·155	·098	·388	26th	1·021	11th	·367	·768	·807	·734	·073	·900	26th	·598	6th	·302
September .	·283	·343	·225	·118	·475	29th	1·050	10th	·425	·797	·844	·753	·091	·950	29th	·601	10th	·349
October .	·416	·482	·363	·118	·577	29th	1·225	14th	·352	·868	·925	·816	·109	1·040	21st	·705	11th	·335
November .	·515	·576	·469	·108	·650	20th	1·355	7th	·295	·928	·985	·883	·102	1·096	23rd	·762	2nd	·334
December .	·527	·591	·480	·111	·678	24th	1·375	6th	·303	·958	1·021	·907	·114	1·102	30th	·819	1st	·283
Year . .	·338	·399	·284	·115	·709	...	·905	...	·804	·825	·880	·779	·101	1·102	...	·519	...	·583

	55. POONA.									56. SHOLAPUR.								
MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+			28+	28+	28+		28+		27+		
January .	1·119	1·189	1·053	·136	1·243	31st	·992	27th	·251	·352	·429	·281	·147	·491	31st	1·216	25th	·275
February .	1·115	1·187	1·045	·142	1·290	10th	·915	15th	·375	·342	·425	·269	·155	·538	2nd	1·119	16th	·419
March . .	1·036	1·099	·960	·139	1·232	5th	·891	23rd	·341	·253*	·337*	·175*	·163*	·440	5th	1·087	18th	·353
April . .	·994	1·056	·916	·141	1·164	9th	·853	21st	·311	·197	·278	·118	·159	·375	8th	1·050	21st	·325
May . .	·951	1·000	·888	·112	1·083	14th	·771	31st	·312	·131	·209	·050	·159	·288	14th	·958	7th	·330
June . .	·861	·891	·817	·074	·957	27th	·754	15th	·203	·092	·141	·025	·116	·209	27th	·951	15th	·258
July . .	·883	·912	·850	·062	1·008	5th	·737	21st	·271	·120	·162	·059	·103	·281	5th	·951	21st	·330
August .	·956	·993	·918	·075	1·074	25th & 26th.	·796	6th	·278	·178	·232	·110	·121	·319	24th	·985	6th	·334
September .	·977	1·020	·925	·094	1·116	29th	·793	10th	·323	·189	·244	·113	·131	·339	29th	1·014	9th	·325
October .	1·061	1·118	·996	·121	1·218	21st	·892	11th	·326	·278	·341	·209	·132	·439	21st	1·097	11th	·342
November .	1·134	1·189	1·076	·113	1·283	23rd	·950	3rd	·333	·372	·436	·312	·123	·536	23rd	1·176	2nd	·360
December .	1·149	1·211	1·086	·124	1·289	25th & 29th.	·997	1st	·292	·388	·454	·323	·131	·535	25th	1·234	1st	·301
Year . .	1·020	1·072	·961	·111	1·290	...	·737	...	·553	·241	·397	·170	·137	·538	...	·951	...	·587

* Mean of 24 days.

57. RATNAGIRI.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·826	·895	·776	·119	·947	7th	·730	26th	·217
February	·827	·891	·782	·109	·993	3rd	·671	16th	·322
March	·767	·829	·718	·111	·962	5th	·600	19th	·362
April	·727	·783	·675	·107	·872	8th	·559	17th	·313
May	·705	·755	·659	·095	·827	14th	·578	31st	·249
June	·623	·657	·591	·066	·718	27th	·502	2nd	·216
July	·662	·693	·634	·059	·778	5th	·531	21st	·247
August	·728	·769	·694	·075	·842	25th	·586	6th	·256
September	·736	·784	·696	·088	·861	28th	·555	9th	·306
October	·782	·839	·734	·105	·925	21st	·634	11th	·291
November	·840	·898	·794	·104	·989	23rd	·672	2nd	·317
December	·868	·929	·820	·109	1·006	30th	·732	2nd	·274
Year	·758	·810	·714	·096	1·006	...	·502	...	·504

58. KARWAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·880	·947	·831	·117	1·002	3rd	·783	26th	·219
February	·896	·963	·848	·115	1·080	3rd	·730	15th	·350
March	·834	·895	·786	·109	1·035	5th	·702	18th	·333
April	·802	·855	·752	·103	·955	10th	·676	25th	·279
May	·782	·828	·740	·088	·897	11th	·667	7th	·230
June	·733	·765	·704	·062	·823	27th	·630	11th	·193
July	·783	·813	·758	·055	·896	5th	·660	21st	·236
August	·827	·864	·796	·068	·925	25th	·710	6th	·215
September	·823	·868	·783	·085	·936	28th	·648	9th	·288
October	·856	·911	·810	·102	·989	21st	·719	10th	·270
November	·902	·957	·860	·097	1·048	22nd	·754	2nd	·294
December	·915	·980	·865	·116	1·063	25th	·781	11th	·282
Year	·836	·887	·794	·093	1·080	...	·630	...	·450

59. BELGAUM.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·404	·470	·349	·120	·525	31st	·294	25th	·231
February	·416	·486	·352	·133	·584	3rd	·233	16th	·351
March	Not recorded.								
April	·316*	·380	·249*	·127*	·472	8th	·178	17th	·294
May	·283	·337	·221	·116	·402	14th	·156	7th	·246
June	·224	·256	·185	·071	·314	27th	·112	11th	·202
July	·254	·285	·223	·062	·373	5th	·133	21st	·240
August	·29[illegible]	·336	·261	·075	·400	25th	·155	6th	·245
September	·300	·346	·250	·096	·418	29th	·124	9th	·294
October	·360	·415	·307	·108	·502	17th	·207	10th	·295
November	·418	·477	·370	·106	·553	23rd	·260	2nd	·293
December	·440	·501	·385	·116	·576	24th	·301	1st	·275
Year	?	?	?	?	·584	...	·112	...	·472

60. SECUNDERABAD.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January	1·166	1·237	1·100	·137	·303	7th	1·014	24th	·289
February	1·165	1·231	1·108	·123	·351	2nd	·965	17th	·386
March	1·067	1·137	1·002	·135	·260	4th	·929	23rd	·331
April	1·024	1·098	·952	·146	·212	7th	·877	25th	·335
May	·931	·998	·861	·137	·081	14th	·758	7th	·323
June	·899	·945	·832	·113	·014	26th	·772	9th	·242
July	·925	·966	·865	·101	·065	4th	·739	21st	·326
August	·974	1·019	·915	·104	·106	24th	·804	6th	·302
September	·966	1·013	·897	·116	·103	29th	·803	10th	·300
October	1·079	1·131	1·020	·111	·229	21st	·889	11th	·340
November	1·179	1·238	1·123	·115	·336	23rd	·999	1st & 2nd	·337
December	1·200	1·261	1·141	·120	·358	24th	1·046	1st	·312
Year	1·048	1·106	·985	·122	·358	...	·739	...	·619

* Mean of 26 days.

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

61. VIZAGAPATAM.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·944	1·021	·886	·135	1·113	7th	·752	25th	·361
February .	·949	1·023	·895	·128	1·163	2nd	·737	16th	·426
March . .	·836	·904	·782	·122	1·071	4th	·686	23rd	·385
April . .	·783	·851	·721	·130	·974	7th	·617	25th	·357
May . .	·642	·708	·578	·130	·868	14th	·447	28th	·421
June . .	·589	·635	·535	·100	·753	26th	·399	19th	·354
July . .	·617	·662	·560	·102	·805	3rd	·401	1st	·404
August . .	·655	·701	·598	·103	·791	23rd	·528	13th	·263
September .	·664	·718	·605	·113	·876	30th	·504	15th	·372
October .	·818	·879	·767	·112	·983	25th & 28th.	·517	11th	·466
November .	·978	1·039	·926	·113	1·144	23rd	·802	2nd	·342
December .	·995	1·058	·946	·112	1·158	24th	·833	1st	·325
Year . .	·790	·850	·733	·117	1·163	...	·399	...	·764

62. BELLARY.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January . .	·460	·533	·392	·141	·598	31st	·302	25th	·296
February .	·463	·540	·397	·143	·651	3rd	·249	16th	·402
March . .	·357	·436	·285	·151	·561	5th	·206	18th	·355
April . .	·322	·400	·246	·154	·495	8th	·163	17th	·332
May . .	·269	·341	·193	·148	·409	11th	·193	7th	·306
June . .	·246	·291	·181	·110	·347	25th	·117	10th	·230
July . .	·282	·323	·223	·100	·410	4th	·129	21st	·281
August . .	·319	·375	·248	·127	·448	24th	·168	6th	·280
September .	·320	·375	·243	·132	·443	28th	·134	9th	·309
October .	·391	·452	·323	·129	·543	17th	·216	10th	·327
November .	·482	·545	·422	·123	·636	23rd	·308	1st & 2nd	·328
December .	·505	·565	·446	·119	·653	24th	·339	1st	·314
Year . .	·368	·431	·300	·131	·653	...	·103	...	·550

63. MADRAS.

MONTH.	Mean.	8 hours.	14 hours.	20 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January .	·947	·981	·916	·958	·096	1·047	31st, 8h.	·791	25th, 14h.	·256
February .	·968	1·004	·938	·972	·105	1·120	2nd & 3rd. „	·797	16th „	·323
March .	·858	·902	·827	·859	·116	1·021	4th „	·750	14th „	·271
April . .	·816	·870	·780	·808	·132	·985	8th „	·691	25th „	·294
May . .	·701	·744	·667	·702	·113	·824	1st „	·543	7th „	·281
June . .	·694	·739	·663	·687	·119	·831	26th „	·596	8th „	·235
July . .	·743	·783	·712	·739	·109	·862	3rd „	·636	22nd „	·226
August .	·772	·814	·739	·769	·111	·887	22nd „	·672	5th „	·215
September .	·754	·802	·713	·758	·120	·933	3rd 20h.	·631	9th „	·302
October .	·842	·879	·803	·857	·100	1·029	17th „	·676	11th „	·353
November .	·954	·991	·916	·973	·099	1·084	23rd 8h.	·780	2nd „	·304
December .	·990	1·028	·955	1·004	·099	1·111	24th „	·827	1st „	·284
Year . .	·837	·878	·802	·841	·110	1·120	...	·543	...	·577

64. SALEM.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	1·011	1·077	·933	·144	1·152	31st	·822	15th	·330
February .	1·026	1·103	·940	·163	1·212	3rd	·808	16th	·404
March .	·935	1·015	·844	·171	1·137	5th	·783	15th	·354
April . .	·899	·972	·807	·165	1·063	8th	·704	17th	·359
May . .	·845	·904	·760	·144	·958	11th & 14th.	·658	7th	·300
June . .	·841	·891	·762	·129	·955	28th	·689	10th	·266
July . .	·888	·943	·807	·136	·988	9th	·751	22nd & 23rd.	·237
August .	·911	·966	·828	·138	1·015	24th	·778	10th	·237
September .	·916	·972	·833	·139	1·035	29th	·727	10th	·308
October .	·960	1·022	·885	·137	1·086	21st	·787	10th	·299
November .	1·034	1·091	·965	·126	1·177	21st	·851	1st	·326
December .	1·064	1·127	·994	·133	1·199	25th	·924	1st	·275
Year . .	·944	1·007	·863	·144	1·212	...	·658	...	·554

65. MERCARA.

66. TRICHINOPOLY.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26		26+		26+			29+	29+	29+		29+		29+		
January	·208	·251	·165	·086	·337	31st	·114	1st	·223	·698	·758	·626	·132	·839	31st	·515	25th	·324
February	·256	·304	·208	·096	·388	3rd	·111	15th	·277	·715	·783	·638	·145	·904	3rd	·486	16th	·418
March	207	·258	·155	·103	·344	5th	·085	18th	·259	·613	·685	·531	·154	·801	4th	·465	15th	·336
April	·191	·241	·141	·100	·321	10th	·074	17th	·247	·572	·640	·483	·157	·739	8th	·382	17th	·357
May	·170	·213	·128	·085	·277	14th	·077	7th	·200	·497	·555	·413	·142	·608	1st	·322	7th	·286
June	·133	·167	·099	·068	·211	25th	·035	11th	·176	·492	·538	·417	·121	·614	28th	·333	11th	·281
July	·159	·190	·129	·061	·288	15th	·059	21st	·229	·539	·586	·465	·121	·645	28th	·398	22nd	·247
August	·178	·216	·140	076	·259	25th	·087	6th	·172	·555	·606	·477	·129	·666	24th	·413	13th	·253
September	·173	·216	·129	·087	·280	28th	·031	8th & 9th.	·249	·550	·610	·465	·145	·686	30th	·367	9th	·319
October	·217	·262	·172	·090	·340	21st	·110	10th	·230	·611	·670	·540	·130	·757	21st	·400	11th	·357
November	·250	·299	·201	·098	·367	21st	·120	1st	·247	·705	·756	·642	·114	·842	20th	·514	2nd	·328
December	·263	·313	·213	·100	·374	25th	·144	20th	·230	·719	·789	·655	·134	·871	24th & 25th.	·522	1st	·349
Year	·200	·244	·157	·088	·388	...	·031	...	·357	·606	·665	·529	·135	·904	...	·322	...	·582

67. COCHIN.

68. WELLINGTON.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+			24+	24+	24+		24+		24+		
January	·908	·975	·853	·122	1·040	31st	·797	14th	·243	·252	·285	·219	·066	·356	31st	·154	25th	·202
February	·931	1·012	·867	·145	1·122	3rd	·761	15th	·361	·300	·338	·262	·076	·407	3rd	·166	16th	·241
March	·872	.945	·811	·134	1·064	5th	·734	18th	·330	·265	·304	·226	·078	·380	5th	·177	18th	·203
April	Imperfect.									·246	·289	·203	·086	·360	10th	·137	26th	·223
May	Not recorded.									·210	·251	·168	·083	·312	14th	·102	7th	·210
June	·833*	·875*	·792*	·083	·944	28th	·708	10th	·236	·160	·192	·128	·064	·236	25th	·076	15th	·160
July	·881	·922	·844	·078	·978	3rd	·785	21st	·193	·184	·212	·155	·057	·277	4th	·089	21st	·188
August	·888	·937	·845	·092	·971	24th	·797	27th	·174	·197	·232	·163	·069	·280	24th	·116	6th	·164
September	·883	·938	·834	·104	·999	27th	·728	9th	·271	·194	·233	·155	·078	·289	28th	·068	9th	·221
October	·905	·962	·855	·107	1·028	21st	·795	10th & 30th.	·233	·246	·285	·207	·078.	·357	17th	·126	10th	·231
November	·928	·988	·880	·108	1·061	20th	·796	2nd	·265	·285	·315	·255	·060	·383	23rd	·168	1st & 2nd.	·215
December	·935	1·004	·879	·125	1·086	24th	·783	1st	·303	·299	·331	·266	·065	·392	24th & 25th.	·190	1st	·202
Year	?	?	?	?	?	...	?	...	?	·237	·272	·201	·072	·407	...	·068	...	·339

* Mean of 29 days.

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

69. NEWERA ELIYA.

70. KANDY.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	23+		24+		23+			28+	28+	28+		28+		28+		
January . .	·050	·086	1·014	·072	·181	31st	·969	14th	·212	·194	·250	·138	·112	·326	31st	·075	25th	·251
February .	·096	·135	1·056	·079	·253	3rd	·966	15th	·287	·231	·288	·174	·114	·398	3rd	·059	16th	·339
March . .	·073	·113	1·033	·080	·271	5th	·955	2nd	·316	·174	·238	·110	·128	·319	5th	·030	22nd	·289
April . .	·069	·114	1·023	·091	·177	8th	·957	17th	·220	·168	·223	·112	·111	·305	10th	·040	17th	·265
May . .	·055	·095	1·014	·081	?	?	·947	7th	?	Incomplete.								
June . .	·032	·065	·998	·067	·133	1st	·935	8th	·198	·135	·175	·095	·080	·232	28th	·003	9th	·229
July . .	·050	·083	1·017	·066	·173	2nd	·935	19th	·238	·180	·223	·137	·086	·295	24th	·096	?	·199
August . .	·041	·076	1·005	·071	·133	20th	·970	6th	·163	·175	·222	·128	·094	·278	2nd	·079	18th	·199
September .	·044	·081	1·006	·075	·131	27th	·931	9th	·200	·178	·230	·125	·105	·288	28th	·041	7th	·247
October .	·077	·117	1·037	·080	·175	18th	·973	10th	·202	·215	·263	·166	·097	·326	22nd	·096	10th	·230
November .	·098	·139	1·056	·083	·237	21st	·951	?	·286	·230	·281	·179	·102	·343	20th	·111	2nd	·232
December .	·097	·136	1·057	·079	·209	19th	·983	1st	·226	·224	·274	·174	·100	·333	24th	·081	1st	·252
Year . .	·065	·103	1·026	·077	·271	...	·931	...	·340	?	?	?	?	·398	...	?	...	?

71. JAFFNA.

72. TRINCOMALEE.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		30+		29+			29+	29+	29+		29+		29+		
January . .	·921	·977	·873	·104	·048	31st	·776	25th	·272	·832	·889	·782	·107	·957	31st	·696	25th	·261
February .	·950	1·010	·899	·111	·129	3rd	·778	16th	·351	·863	·925	·811	·114	1·039	2nd	·690	16th	·349
March . .	·859	·928	·809	·119	·032	3rd	·725	23rd	·307	·787	·857	·736	·121	·944	4th	·635	23rd	·309
April . .	Barometer out of order.									·751	·821	·695	·126	·905	10th	·594	17th	·311
May . .										·670	·734	·625	·109	·819	14th	·537	7th	·282
June . .										·672	·726	·625	·101	·802	28th	·574	10th	·228
July . .										·724	·773	·661	·112	·834	3rd	·580	22nd	·254
August . .										·723	·785	·670	·115	·836	21st	·598	6th	·238
September .										·724	·786	·657	·129	·852	28th	·567	7th	·285
October .										·787	·848	·729	·119	·929	21st	·622	10th	·307
November .										·852	·906	·799	·107	·999	19th	·684	2nd	·315
December .										·875	·934	·825	·109	1·013	24th	·702	1st	·311
Year . .	...	...	...	...	...	...	...	...	...	·772	·832	·718	·114	1·039	...	·537	...	·502

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

73. BATTICALOA.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January . .	·894	·940	·855	·085	·986	...	·798	25th	·188
February . .	·921	·969	·882	·087	1·066	3rd	·777	16th	·289
March . .	·859	·913	·824	·089	1·029	5th	·763	23rd	·266
April . .	·824	·877	·785	·092	·952	10th	·729	18th	·223
May . .	·768	·813	·726	·087	·869	15th	·661	?	·208
June . .	·750	·798	·709	·089	·845	21st	·666	?	·179
July . .	·804	·840	·754	·086	·877	4th	·706	18th	·171
August . .	·797	·849	·754	·095	·908	23rd	·709	5th	·199
September .	·807	·850	·759	·091	·901	29th	·692	10th	·209
October .	·855	·903	·811	·092	·954	22nd	·736	11th	·218
November .	·910	·956	·865	·091	1·024	19th	·795	2nd	·229
December .	·865	·915	·824	·091	1·006	19th	·695	31st	·311
Year . .	·838	·885	·796	·090	1·066	...	·661	...	·405

74. GALLE.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·841	·897	·792	·105	·997	31st	·749	14th	·248
February	·881	·940	·832	·108	1·060	2nd	·741	15th	·319
March	·826	·889	·782	·107	·980	5th	·689	21st	·291
April	·814	·874	·768	·106	·952	8th	·712	21st	·240
May	·794	·846	·746	·100	·899	14th	·680	7th	·219
June	·776	·831	·729	·102	·910	28th	·648	10th	·262
July	·841	·885	·782	·103	·957	28th	·734	17th	·223
August	·827	·882	·781	·101	·935	22nd	·737	6th	·198
September	·847	·895	·794	·101	·969	28th	·710	7th	·259
October	·873	·930	·820	·110	·990	22nd	·757	10th	·233
November	·888	·942	·836	·106	1·002	21st	·771	2nd	·231
December	·879	·936	·831	·105	1·004	25th	·749	1st	·255
Year	·841	·896	·791	·105	1·060	...	·648	...	·412

75. COLOMBO.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·847	·913	·789	·124	·996	31st	·722	15th	·274
February .	·888	·960	·826	·134	1·074	3rd	·726	15th	·348
March . .	·824	·898	·770	·128	·998	5th	·687	21st	·311
April . .	·815	·880	·763	·117	·964	10th	·677	11th	·287
May . .	803	·853	·756	·097	·914	30th	·682	4th	·232
June . .	·793	·840	·754	·086	·914	28th	·670	14th	·244
July . .	·858	·894	·808	·086	·949	28th	·714	24th	·235
August . .	·843	·895	·801	·094	·945	22nd	·763	6th	·182
September .	·852	·904	·795	·109	·970	28th	·677	6th	·293
October .	·880	·938	·826	·112	·997	22nd	·645	5th	·352
November .	·893	·953	·835	·118	1·021	21st	·764	2nd	·257
December .	·885	·949	·830	·119	1·025	25th	·721	1st	·304
Year . .	·848	·906	·796	·110	1·074	...	·645	...	·429

76. HAMBANTOTA.

MONTH.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	Barometer out of order.								
February									
March									
April	·792	·854	·744	·110	·964	7th	·685	19th	·279
May	·755	·804	·708	·098	·865	30th	·579	11th	·286
June	741	·790	·699	·091	·868	17th	·619	9th	·249
July	·805	·840	·755	·085	·913	28th	·716	21st	·197
August	·783	·837	·738	·099	·953	?	·697	1st	·256
September	·811	·857	·761	·096	·953	24th	·676	11th	·277
October	·826	·892	·764	·128	·961	21st	·691	16th	·279
November	·885	·913	·859	·054	·992	16th	·765	1st	·227
December	·879	·924	·844	·080	·969	28th	·736	3rd	·233
Year	?	?	?	?	?	...	?	...	?

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

	77. Akyab.										78. Diamond Island.									
MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.		Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+				29+	29+	29+		29+		29+		
January .	·929	·993	·876	·117	1·084	7th	·792	1st	·292		·941	·995	·896	·099	1·075	7th	·791	25th	·284
February .	·940	1·009	·887	·122	1·130	2nd	·701	16th	·429		·967	1·021	·922	·099	1·108	2nd	·802	16th	·306
March .	·858	·921	·805	·116	1·046	3rd	·648	24th	·398		·845	·908	·803	·105	1·009	3rd	·724	22nd	·285
April . .	·822	·887	·763	·124	1·012	7th	·638	26th	·374		·824	·884	·780	·104	·998	7th	·658	30th	·340
May . .	·725	·772	·668*	·104	·921	14th	·502	7th	·419		·721	·770	·676	·094	·942	14th	·431	7th	·511
June . .	·676	·717	·628	·089	·828	25th	·429	30th	·399		·722	·764	·687	·077	·870	25th	·553	30th	·317
July . .	·680	·715	·638	·077	·857	3rd	·495	18th	·362		·757	·786	·714	·071	·877	3rd	·561	17th	·316
August .	·741	·782	·690	·092	·906	21st	·578	9th	·328		·764	·810	·726	·085	·904	21st	·628	13th	·276
September .	·754	·804	·697	·107	·908	28th	·573	6th	·335		·767	·815	·715	·099	·914	23rd	·614	7th	·300
October .	·862	·914	·807	·108	1·012	28th	·687	4th	·325		·840	·894	·790	·104	·988	28th	·680	8th	·308
November .	·977	1·028	·920	·109	1·111	23rd	·831	6th	·280		·932	·989	·876	·112	1·044	22nd & 23rd.	·804	11th	·240
December .	·983	1·042	·928	·115	1·138	24th	·862	1st	·276		·938	·999	·888	·111	1·086	24th	·832	1st	·254
Year . .	·829	·882	·776	·107	1·138	...	·429	...	·709		·835	·886	·789	·097	1·108	...	·431	...	·677

* Mean of 30 days.

	79. Rangoon.										80. Mergui.									
MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.		Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+				29+	29+	29+		29+		29+		
January .	·903	·968	·840	·128	1·092	6th	·750	1st	·342		·795	·859	·738	·122	·994	6th	·649	1st	·345
February .	·907	·980	·843	·137	1·108	2nd	·700	16th	·408		·822	·892	·761	·131	1·013	2nd	·639	16th	·374
March . .	·830	·903	·753	·150	1·013	6th	·667	21st	·346		·765	·839	·712	·127	·935	6th	·617	21st	·318
April . .	·800	·871	·721	·150	1·004	6th	·588	25th	·416		·754	·825	·698	·127	·928	7th	·576	20th	·352
May . .	·736	·792	·672	·120	·915	14th	·578	6th	·337		·724	·777	·675	·102	·865	14th	·584	3rd	·281
June . .	·742	·777	·685	·092	·873	25th	·597	30th	·276		·727	·777	·684	·093	·849	29th	·596	1st	·253
July . .	·763	·794	·719	·075	·897	2nd	·567	17th	·330		·765	·798	·720	·080	·863	24th	·634	18th	·229
August .	·776	·816	·723	·094	·927	20th	·612	13th	·315		·745	·796	·703	·092	·863	20th	·609	13th	·254
September .	·768	·825	·711	·113	·920	23rd	·597	7th	·323		·748	·801	·690	·110	·861	18th	·578	7th	·283
October .	·852	·909	·785	·124	1·012	28th	·668	4th & 5th.	·344		·778	·837	·729	·108	·906	27th	·639	8th	·267
November .	·932	·994	·867	·127	1·050	22nd	·791	11th	·259		·840	·896	·785	·112	·944	21st	·704	11th	·240
December .	·927	·993	·864	·129	1·087	24th	·811	5th	·276		·835	·896	·785	·111	·981	24th	·726	1st	·255
Year . .	·828	·885	·765	·120	1·108	...	·567	...	·541		·775	·833	·723	·110	1·013	...	·576	...	·437

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

81. COCOS ISLAND.

82. PORT BLAIR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+			29+	29+	29+		29+		29+		
January . .	Untrustworthy.									·834	·891	·785	·106	·989	31st	·716	1st	·273
February . .										·869	·927	·820	·107	1·041	2nd	·701	16th	·340
March . .	·779	·839	·739	·101	·936	4th	·668	22nd	·268	·817	·882	·774	·108	·977	4th	·705	22nd & 23rd.	·272
April . .	·756*	·811*	·715*	·096*	·897	7th	·618	28th	·279	·800	·859	·754	·105	·945	8th	·675	25th	·270
May . .	·675	·717	·637	·079	·828	14th	·416	6th	·412	·734	·779	·692	·088	·886	14th	·549	7th	·337
June . .	·656	·680	·639	·041	·742	25th	·571	30th	·171	·723	·766	·688	·078	·839	25th	·582	6th	·257
July . .	·673†	·689†	·643†	·045†	·764	27th	·549	17th	·215	·768	·803	·719	·083	·921	24th	·578	17th	·343
August . .	·685	·718	·663	·055	·788	22nd	·601	2nd	·187	·758	·808	·716	·092	·891	22nd	·632	13th	·259
September .	·688*	·716*	·655*	·062*	·793	29th	·573	7th	·220	·767	·813	·717	·096	·899	27th	·602	7th	·297
October .	·766	·806	·729	·078	·876	28th	·629	8th	·247	·814	·864	·768	·096	·938	17th	·655	8th	·283
November .	·846	·892	·802	·090	·949	23rd	·745	1st	·204	·886	·938	·835	·103	·995	20th	·772	26th	·223
December .	·863	·914	·822	·092	·992	24th	·756	1st	·236	·895	·951	·847	·104	1·038	24th	·760	1st	·278
Year . .	?	?	?	?	?	...	?	...	?	·805	·857	·760	·097	1·041	...	·549	...	·492

* Mean of 28 days.
† ,, ,, 30 ,,

83. QUETTA.

84. LEH.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+		24+		24+			19+	19+	19+		19+		19+		
January .	·696	·732	·679	·053	·871	4th	·567	20th	·304	·639	·687	·588	·099	·915	8th	·279	24th	·636
February .	·689	·730	666	·063	·848	2nd	·500	19th	·348	·619	·663	·563	·101	·970	10th	·217	16th	·753
March . .	·560	·598	·535	·063	·705	31st	·446	18th	·259	·562	·608	·505	·102	·736	3rd	·415	21st	·321
April . .	·550	·598	·520	·079	·733	8th	·354	25th	·379	·684	·729	·626	·104	·905	4th	·424	26th	·481
May . .	·522	·564	·500	·064	·687	14th	·381	31st	·306	·706	·731	·656	·075	·897	14th	·505	8th	·392
June . .	·399	·445	·369	·076	·541	3rd	·282	24th	·259	·651	·687	·602	·085	·810	2nd	·471	23rd	·339
July . .	·347	·382	·314	·068	·493	3rd	·211	26th	·282	·547	·592	·484	·108	·747	3rd	·376	23rd	·371
August . .	·449	·484	·419	·064	·602	26th	·338	4th	·264	·607	·652	·542	·110	·754	26th	·435	30th	·319
September .	·581	·624	·554	·070	·721	29th	·470	15th	·251	·661	·706	·600	·106	·831	29th	·495	10th	·336
October .	·691	·735	·665	·070	·824	29th	·582	4th	·242	·713	·760	·648	·112	·846	7th	·566	5th	·280
November .	·718	·762	·694	·068	·882	9th	·512	26th	·370	·744	·793	·691	·103	·940	28th	·571	30th	·369
December .	·650	·690	·634	·056	·855	31st	·539	14th	·316	·640	·687	·601	·086	·816	28th	·374	25th	·442
Year . .	·571	·612	·546	·066	·882	...	·211	...	·671	·654	·691	·592	·099	·970	...	·217	...	·753

TABLE V.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1890.

85. KATMANDU.

MONTH.	Mean	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		25+		
January	·737	·796	·689	·107	·893	4th	·572	27th	·321
February	·728	·791	·675	·116	·916	11th	·562	26th	·354
March	·622	·670	·571	·099	·820	3rd	·424	14th	·396
April	·633	·678	·585	·093	·846	7th	·447	24th	·399
May	·571	·619	·531	·088	·734	14th	·390	31st	·344
June	·441	·485	·401	·083	·619	3rd	·257	24th	·362
July	·314	·353	·270	·082	·637	3rd	·138	18th	·499
August	·381	·416	·340	·076	·497	26th	·297	11th	·200
September	·515	·561	·463	·098	·704	29th	·312	6th	·392
October	·644	·693	·597	·096	·797	28th	·481	5th	·316
November	·743	·798	·695	·103	·890	23rd	·630	6th & 13th.	·260
December	·700	·759	·644	·115	·909	24th	·553	6th	·356
Year	·586	·635	·538	·096	·916	...	·138	...	·778

86. ADEN.

MONTH.	Mean	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·914	·969	·859	·110	1·061	23rd	·780	18th	·281
February	·887	·948	·825	·122	1·089	3rd	·752	25th	·337
March	·805*	·864*	·746	·118*	·971	1st	·646	18th	·325
April	·777†	·834	·719†	·117†	·924	10th	·594	18th	·330
May	·729*	·783*	·674	·109*	·886	1st	·558	31st	·328
June	·570	·625	·514	·111	·681	4th & 29th	·399	15th & 16th	·282
July	·557	·618	·495	·123	·682	6th	·401	21st	·281
August	·624*	·686	·562*	·124*	·762	29th	·493	11th	·269
September	·683	·742	·623	·119	·802	29th	·529	1st	·273
October	·850	·903	·795	·108	1·039	26th	·692	8th	·347
November	·912	·962	·862	·101	1·048	20th	·789	7th	·259
December	·925*	·976*	·873	·104*	1·029	10th	·798	2nd	·231
Year	·769	·826	·712	·114	1·089	...	·399	...	·690

* Mean of 30 days.
† " " 29 "

87. ZANZIBAR.

MONTH.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·835*	·890*	·780*	·109*	·993	23rd	·659	13th	·334
February	·851	·905	·796	·109	1·007	6th	·642	15th	·365
March	Observations not taken.								
April									
May									
June									
July									
August									
September									
October									
November									
December									
Year									

* Mean of 30 days.

TABLE VI.—MONTHLY MEANS OF PRESSURE IN 1890, REDUCED TO THEIR SEA-LEVEL VALUES. (71 STATIONS).

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Peshawar	1·096	1·098	·950	·851	·637	·435	·397	·567	·690	·935	1·137	1·164	·830
Lahore	1·036	1·041	·885	·762	·598	·449	·429	·572	·667	·870	1·063	1·089	·788
Ludhiana	1·003	1·012	·865	·737	·563	·440	·437	·579	·666	·892	1·080	1·064	·778
Mooltan	1·032	1·033	·878	·751	·565	·405	·397	·557	·651	·851	1·055	1·102	·773
Jacobabad	1·020	1·020	·847	·705	·567	·399	·376	·536	·655	·856	1·043	1·103	·761
Kurrachee	1·007	1·016	·878	·815	·685	·515	·501	·641	·759	·904	1·021	1·078	·818
Jeypore	1·041	1·030	·861	·768	·618	·508	·510	·654	·727	·912	1·074	1·093	·816
Ajmere	1·063	1·052	·871	·776	·649	·529	·509	·664	·730	·914	1·079	1·105	·828
Dehra	1·024	1·006	·869	·735	·618	·492	·509	644	·735	·914	1·074	1·075	·808
Roorkee	1·000	·987	·844	·714	·585	·461	·466	·594	·695	·876	1·046	1·062	·778
Meerut	1·016	1·009	·856	·738	·597	·474	·481	·602	·697	·883	1·052	1·077	·790
Agra	1·026	1·018	·850	·746	·593	·467	·493	·624	·702	·892	1·101	1·083	·800
Lucknow	1·006	·992	·830	·727	·602	·475	·497	·622	·705	·878	1·045	1·056	·786
Allahabad	1·002	·995	·828	·733	·607	·487	·510	·622	·693	·881	1·047	1·062	·789
Ghazipur	1·009	·991	·833	·728	·620	·514	·519	·624	·693	·869	1·051	1·060	·793
Nowgong	1·018	1·005	·844	·756	·608	·484	·521	·635	·697	·888	1·045	1·083	·799
Sutna	1·034	1·010	·824	·742	·593	·492	·520	·619	·693	·888	1·048	1·056	·793
Durbhunga	·992	·965	·804	·741	·649	·547	·530	·639	·718	·879	1·035	1·042	·795
Patna	·984	·969	·803	·721	·615	·512	·507	·617	·696	·870	1·039	1·039	·781
Hazaribagh	1·006	·999	·840	·749	·630	·546	·552	·643	·713	·901	1·060	1·066	·809
Berhampore	·965	·958	·803	·733	·648	·548	·539	·638	·713	·860	1·014	1·024	·787
Burdwan	·965	·956	·811	·727	·638	·547	·531	·647	·718	·869	1·030	1·043	·790
Calcutta (Alipore)	·968	·970	·824	·756	·659	·572	·558	·653	·718	·863	1·016	1·028	·799
Saugor Island	·969	·970	·836	·769	·671	·580	·561	·653	·713	·862	1·012	1·026	·802
Dacca	·956	·956	·822	·778	·692	·603	·585	·684	·737	·863	·998	1·016	·808
Chittagong	·968	·975	·868	·827	·727	·657	?	·731	·768	·886	?	·996	?
Dhubri	·980	·958	·786	·767	·689	·601	·576	·663	·747	·875	1·017	1·026	·807
Sibsagar	1·027	·992	·862	·823	·727	·630	·596	·677	·772	·909	1·051	1·021	·841
Silchar	·977	·968	·852	·821	·717	·642	·618	·701	·752	·875	·940	1·025	·824
False Point	·980	·986	·849	·784	·667	583	·581	·656	·696	·861	1·020	1·034	·808
Cuttack	·980	·976	·835	·764	·645	·580	·583	·656	·698	·861	1·025	1·030	·803
Sambalpur	·939	?	·824	·754	·585	·541	·562	·636	·668	·848	1·011	1·021	?
Raipur	·982	·953	·801	·724	·584	·547	·571	·645	·667	·859	1·011	1·023	·781
Khandwa	1·051	·980	·835	·764	·672	·586	·610	·716	·744	·903	1·020	1·027	·826
Hoshangabad	1·035	1·002	·846	·774	·660	·583	·604	·710	·740	·918	1·049	1·057	·832
Jubbulpore	1·035	1·012	·814	·760	·618	·536	·562	·663	·726	·905	1·053	1·053	·820
Nagpur	1·001	·966	·812	·749	·610	·590	·614	·693	·713	·891	1·032	1·047	·810

TABLE VI.—MONTHLY MEANS OF PRESSURE IN 1890, REDUCED TO THEIR SEA-LEVEL VALUES.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Chanda	1·003	970	·817	·750	·622	·600	·640	·701	·715	·881	1·014	1·037	·813
Sironcha	·998	·978	·832	·771	·633	·624	·665	·707	·714	·863	1·005	1·020	·818
Buldana	·990	·953	·830	·758	·681	·638	·654	·743	·759	·896	1·004	1·014	·809
Akola	·993	·958	·821	·752	·654	·603	·634	·722	·738	·890	1·017	1·032	·817
Deesa	·993	·991	·865	·779	·682	·551	·545	·674	·754	·890	·998	1·017	·854
Bombay	·960	·960	·893	·837	·807	·685	·719	·806	·835	·906	·966	·996	·864
Poona	·998	·965	·873	·814	·770	·702	·737	·822	·841	·900	1·010	1·033	·872
Sholapur	·976	·945	·841	·762	·688	·681	·718	·782	·794	·882	·998	1·015	·840
Ratnagiri	·940	·940	·879	·838	·816	·735	·774	·841	·849	·895	·953	·962	·858
Karwar	·925	·941	·879	·847	·827	·778	·828	·872	·868	·902	·947	·960	·881
Belgaum	·942	·925	?	·805	·770	·749	·793	·845	·839	·890	·961	·985	?
Secunderabad	·999	·969	·844	·788	675	·682	·723	·775	·766	·882	1·008	1·027	·845
Vizagapatam	·977	·981	·868	·814	·673	·620	·649	·686	·696	·850	1·010	1·027	·821
Bellary	·972	·955	·825	·787	·726	·720	·764	·803	·810	·881	·991	1·019	·854
Madras	·970	·991	·881	·839	·723	·717	·766	·795	·777	·865	·977	1·013	·860
Salem	·979	·986	·880	·839	·785	·786	·837	·865	·870	·914	·998	1·028	·897
Mercara	·977	·996	·931	·901	·873	·881	·921	·940	·928	·964	·997	1·025	·945
Trichinopoly	·962	·978	·871	·828	·751	·747	·796	·813	·808	·872	·968	·983	·865
Cochin	·916	·942	·883	?	?	·844	·892	·899	·894	·916	·939	·946	?
Kandy	·924	·957	·887	·884	?	·853	·905	·899	·905	·948	·958	·955	?
Jaffna	·930	·958	·867	?	?	?	?	?	?	?	?	?	?
Trincomalee	·848	·880	·803	·798	·694	·698	·741	·739	·740	·803	·868	·891	·791
Batticaloa	·920	·947	·886	·851	·794	·776	·851	·826	·833	·882	·936	·891	·866
Hambantota	?	?	?	·799	·756	·744	·797	·787	·809	·828	·886	·884	?
Galle	·890	·931	·875	·864	·844	·826	·890	·876	·896	·923	·938	·928	·890
Colombo	·887	·928	·864	·854	·842	·833	·898	·883	·891	·920	·933	·924	·888
Akyab	·951	·963	·880	·844	·746	·698	·702	·763	·776	·884	·999	1·005	·851
Diamond Island	·984	1·009	·887	·866	·763	·764	·799	·806	·809	·882	·974	·980	·877
Rangoon	·946	·949	·872	·841	·780	·784	·805	·818	·810	·894	·974	·969	·870
Mergui	·894	·922	·863	·852	·823	·826	·865	·844	·847	·877	·940	·935	·874
Cocos Island	?	?	·892	·869	·788	·768	·788	·799	·802	·881	·961	·979	?
Port Blair	·896	·932	·880	·862	·797	·786	·786	·821	·830	·877	·949	·958	·865
Aden	1·012	·985	·903	·873	·825	·665	·653	·720	·778	·947	1·010	1·023	·866
Zanzibar	·911	·926	?	?	?	?	?		?	?	?	?	?

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890. (81 STATIONS).

1.—MURREE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	2	1	3	1	...	1	1	1	2	2	2	4	1	2	3	...	...	...	...	...	...	...	1	1	..	...	...	3	...	3	...	...	...
North-East	2	1	3	1	1	2	...	...	...	...	1	1	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...
East	4	2	6	1	1	2	3	1	4	5	2	7	1	...	1	...	...	...	...	...	...	3	...	3	...	1	1	2	...	2	3	1	4	2	5	7
South-East	15	20	35	17	19	36	20	16	36	18	18	36	17	12	29	14	12	26	12	18	30	10	13	23	6	6	12	11	16	27	12	14	26	25	21	46
South	2	2	4	3	3	6	...	2	2	...	2	2	5	2	7	1	4	5	1	2	3	...	2	2	...	3	3	1	3	4	...	1	1	3	...	3
South-West	...	...	...	...	...	...	...	2	2	..	...	...	1	5	6	1	5	6	1	2	3	...	3	3	...	3	3	1	4	5	1	1	2	...	...	...
West	...	...	...	...	...	...	...	1	1	...	2	2	1	2	3	1	1	2	...	...	...	1	3	4	...	1	1	2	2	4	...	1	1	...	...	...
North-West	4	2	6	3	1	4	1	4	5	6	3	9	2	5	7	4	5	9	11	4	15	11	7	18	9	7	16	9	1	10	4	2	6	...	...	...
Calm	2	2	4	1	2	3	4	3	7	...	1	1	2	...	2	8	1	9	6	5	11	6	2	8	15	8	23	5	5	10	7	9	16	1	5	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

2.—CHAMBA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	2	1	3	5	2	7	1	3	4	5	1	6	3	2	5	2	3	5	2	2	4	5	3	8	5	...	5	1	...	1	1	1	2
North-East	1	...	1	1	...	1	...	3	3	1	...	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	1	...	1	...	1	1
East	...	1	1	...	...	...	...	1	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	1	1	...	2	2	...	1	1
South-East	2	2	4	4	1	5	...	3	3	...	3	3	1	4	5	...	3	3	...	1	1	...	2	2	...	1	1	2	2	4	...	2	2	2	2	4
South	2	2	4	1	...	1	...	2	2	...	3	3	2	1	3	...	...	...	...	1	1	...	...	...	1	1	2	...	1	1	...	2	2	1	4	5
South-West	1	6	7	...	1	1	1	4	5	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	5	5	...	1	1
West	1	3	4	1	4	5	2	3	5	1	4	5	2	6	8	2	4	6	1	1	2	...	5	5	...	5	5	...	5	5	...	...	...	1	...	1
North-West	7	8	15	4	19	23	15	13	28	19	14	33	19	14	33	19	18	37	20	17	37	20	18	38	12	15	27	9	7	16	7	1	8	2	3	5
Calm	15	8	23	15	2	17	8	...	8	7	1	8	2	3	5	6	2	8	8	7	15	9	4	13	12	4	16	15	12	27	21	18	39	24	18	42
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

3.—KAILANG (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	...	...	...	1	1	2	...	...	...	1	...	1	...	...	...	2	1	3	2	2	4	...	2	2	...	2	2	...	...	...	3	3	6
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
East	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	1	2	...	2	2	2	...	2
South-East	1	...	1	1	...	1	1	...	1	3	...	3	2	2	4	3	1	4	...	...	...	...	...	...	1	1	2	...	4	4	...	3	3	3	4	7
South	4	3	7	1	1	2	3	2	5	...	...	...	4	3	7	4	1	5	...	1	1	5	2	7	4	2	6	5	5	10	5	6	11	1	3	4
South-West	16	8	24	9	11	20	7	7	14	19	11	30	12	7	19	15	7	22	15	2	17	19	9	28	15	6	21	18	6	24	9	8	17	7	5	12
West	8	16	24	17	13	30	17	18	35	8	15	23	11	14	25	7	19	26	12	17	29	3	10	13	10	11	21	7	10	17	14	8	22	14	12	26
North-West	1	3	4	...	3	3	2	3	5	...	3	3	1	4	5	1	2	3	2	9	11	1	8	9	...	8	8	...	3	3	2	3	5	1	4	5
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

4.—SIMLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	...	1	2	1	3	...	...	...	3	1	4	1	1	2
North-East . .	1	...	1	...	...	...	1	...	1	...	...	...	1	...	1	3	1	4	3	3	6	5	3	8	3	1	4	1	...	1	6	2	8	1	1	2
East	3	...	3	2	...	2	2	...	2	2	...	2	2	...	2	...	...	...	1	1	2	1	2	3	1	...	1	3	...	3	3	...	3	4	...	4
South-East . .	12	5	17	10	...	10	7	3	10	5	2	7	3	1	4	2	2	4	2	2	4	6	6	12	5	1	6	5	2	7	3	1	4	17	5	22
South . . .	8	8	16	8	13	21	11	8	19	4	9	13	9	7	16	5	5	10	2	3	5	1	3	4	2	5	7	3	5	8	5	6	11	4	14	18
South-West . .	4	8	12	5	13	18	6	13	19	8	14	22	9	18	27	11	14	25	8	7	15	6	7	13	5	16	21	9	18	27	4	11	15	2	6	8
West . . .	2	5	7	2	1	3	3	3	6	9	3	12	7	3	10	6	3	9	9	7	16	6	8	14	9	2	11	8	4	12	4	6	10	1	2	3
North-West . .	1	4	5	1	1	2	1	2	3	1	...	1	...	1	1	3	1	4	5	3	8	4	...	4	2	3	5	2	2	4	2	3	5	1	1	2
Calm . . .	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	2	2	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1

5.—PESHAWAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	3	5	8	2	4	6	4	4	8	5	6	11	6	5	11	8	5	13	7	3	10	4	2	6	10	5	15	5	5	10	1	...	1	...	...	...
North-East . .	1	2	3	1	7	8	9	11	20	6	9	15	8	8	16	9	9	18	14	13	27	9	15	24	8	15	23	8	7	15	4	3	7	...	2	2
East	2	4	6	3	5	8	1	3	4	3	2	5	4	2	6	4	3	7	5	6	11	3	6	9	4	2	6	8	4	12	2	1	3	1	3	4
South-East . .	4	1	5	5	1	6	3	2	5	1	...	1	2	2	4	1	3	4	...	4	4	2	1	3	...	...	...	1	...	1	4	1	5	8	...	8
South . . .	4	2	6	5	...	5	1	1	2	4	1	5	2	3	5	2	1	3	1	...	1	...	1	1	...	...	...	...	...	...	1	...	1	5	2	7
South-West . .	4	3	7	1	1	2	4	2	6	1	...	1	2	2	4	...	2	2	...	5	5	1	2	3	...	1	1	1	2	3	1	2	3	2	3	5
West . . .	2	1	3	3	2	5	2	3	5	4	5	9	2	4	6	3	3	6	...	...	...	2	...	2	1	1	2	2	1	3	1	...	1	...	3	3
North-West . .	1	6	7	3	7	10	6	5	11	5	5	10	5	4	9	3	3	6	2	...	2	3	1	4	3	2	5	...	4	4	3	1	4	3	7	10
Calm . . .	10	7	17	5	1	6	1	...	1	1	2	3	...	1	1	...	1	1	2	...	2	7	3	10	4	4	8	6	8	14	13	22	35	12	11	23
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

6.—LAHORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	7	5	12	7	10	17	8	3	11	8	9	17	3	8	11	2	4	6	1	4	5	1	6	7	3	2	5	6	4	10	5	3	8	12	3	15
North-East . .	1	2	3	...	...	...	1	1	2	2	2	4	4	3	7	1	1	2	...	1	1	2	1	3	1	6	7	...	...	...	2	1	3	1	1	2
East	4	...	4	3	1	4	3	4	7	5	3	8	4	3	7	9	4	13	12	4	16	3	3	6	3	3	6	6	5	11	4	1	5	3	2	5
South-East . .	5	...	5	...	1	1	3	3	6	3	2	5	7	4	11	9	5	14	8	8	16	6	6	12	9	5	14	5	...	5	2	...	2	3	...	3
South . . .	2	3	5	...	...	...	1	1	2	2	1	3	1	1	2	3	5	8	5	3	8	4	5	9	2	1	3	3	1	4	4	...	4	1	...	1
South-West . .	...	...	...	...	1	1	2	1	3	2	1	3	...	...	...	2	2	4	...	...	...	1	1	2	3	2	5	2	2	4	1	1	2	...	1	1
West . . .	5	5	10	5	6	11	4	6	10	2	3	5	2	4	6	2	4	6	2	4	6	9	4	13	7	4	11	5	1	6	3	...	3	2	1	3
North-West . .	7	7	14	11	8	19	5	5	10	3	7	10	5	7	12	2	1	3	3	2	5	4	1	5	1	3	4	1	2	3	3	3	6	5	7	12
Calm . . .	...	9	9	2	1	3	4	7	11	3	2	5	5	1	6	...	4	4	...	5	5	1	4	5	1	4	5	3	16	19	6	21	27	4	16	20
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

7.—LUDHIANA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	7	9	6	5	11	4	7	11	5	6	11	4	5	9	2	7	9	...	4	4	2	2	4	6	7	13	2	12	14	7	7	14	4	4	8
North-East . .	7	...	7	...	2	2	4	2	6	1	2	3	2	...	2	1	1	2	1	1	2	...	...	...	...	1	1	2	...	2	...	...	...	3	...	3
East . . .	2	3	5	2	...	2	2	1	3	2	1	3	2	4	6	4	4	8	4	5	9	3	3	6	2	2	4	3	...	3	...	...	...	...	...	...
South-East . .	...	...	...	1	...	1	4	2	6	1	...	1	8	3	11	8	2	10	7	6	13	1	...	1	2	2	4	2	...	2	1	...	1	3	...	3
South . . .	2	...	2	...	1	1	2	3	5	2	3	5	6	4	10	4	2	6	6	7	13	4	2	6	4	...	4	3	1	4	1	...	1	...	1	1
South-West . .	...	...	...	...	...	...	...	...	...	1	2	3	...	1	1	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
West . . .	7	14	21	4	7	11	6	2	8	4	11	15	4	6	10	3	7	10	1	3	4	8	10	18	7	12	19	7	7	14	7	10	17	10	16	26
North-West . .	5	7	12	12	12	24	9	12	21	9	4	13	2	6	8	2	3	5	1	1	2	4	1	5	4	1	5	2	3	5	3	4	7	7	5	12
Calm . . .	6	...	6	3	1	4	...	2	2	5	1	6	3	2	5	6	4	10	10	4	14	9	13	22	5	4	9	10	8	18	10	8	18	4	5	9
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...

8.—MOOLTAN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	...	...	...	1	1	1	1	2	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	3	2	5	1	1	2
North-East . .	7	4	11	5	2	7	18	13	31	10	9	19	3	3	6	3	3	6	3	7	10	4	3	7	1	...	1	4	3	7	4	6	10	1	3	4
East . . .	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East . .	1	1	2	6	3	9	3	2	5	5	1	6	4	2	6	7	6	13	17	13	30	17	9	26	13	14	27	5	4	9	1	...	1	3	2	5
South . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...
South-West . .	8	6	14	8	11	19	5	5	10	5	5	10	5	8	13	11	15	26	7	4	11	7	4	11	12	7	19	15	11	26	13	5	18	8	9	17
West . . .	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West . .	6	6	12	1	4	5	3	6	9	3	4	7	12	7	19	4	5	9	1	...	1	1	7	8	...	...	...	3	1	4	3	6	9	7	9	16
Clam . . .	9	14	23	8	8	16	1	4	5	6	10	16	6	10	16	5	1	6	3	6	9	2	8	10	4	9	13	4	12	16	5	10	15	11	7	18
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

9.—JACOBABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	1	2	1	1	2	3	1	4	2	1	3	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	2	2	1	3	2	2	4
North-East . .	1	...	1	2	...	2	4	...	4	3	...	3	5	1	6	...	1	1	...	1	1	...	1	1	...	...	...	2	...	2	3	...	3	2	1	3
East . . .	4	...	4	5	1	6	10	3	13	7	3	10	3	1	4	1	2	3	4	5	9	4	2	6	2	1	3	1	...	1	1	2	3	2	1	3
South-East . .	2	1	3	2	3	5	2	7	9	4	5	9	2	...	2	7	11	18	14	17	31	11	13	24	4	9	13	4	3	7	...	2	2	...	...	...
South . . .	...	...	...	2	1	3	...	2	2	...	7	7	...	...	...	5	4	9	5	7	12	5	11	16	4	12	16	2	5	7	...	1	1	...	...	...
South-West . .	1	1	2	1	2	3	2	4	6	...	1	1	..	...	...	2	1	3	1	...	1	1	1	2	4	1	5	3	4	7	...	1	1	3	1	4
West . . .	...	2	2	...	1	1	1	2	3	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	2	2	4
North-West . .	6	8	14	4	3	7	6	5	11	2	3	5	...	...	...	...	...	...	3	1	4	...	1	1	...	...	...	3	2	5	12	4	16	10	9	19
Clam . . .	16	18	34	11	16	27	3	7	10	11	9	20	21	29	50	15	11	26	4	...	4	9	2	11	16	7	23	13	16	29	12	19	31	10	15	25
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

10.—KURRACHEE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	6	...	6	6	...	6	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	1	1	2	1	1	2
North-East. . .	15	...	15	12	3	15	4	1	5	...	...	...	...	...	...	...	...	...	2	...	2	...	..	...	...	...	..	6	...	6	17	3	20	19	7	26
East	4	...	4	1	2	3	...	...	...		...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	2	2	4	8	8	16
South-East. . .	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
South . . .	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
South-West . .	1	19	20	1	9	10	5	14	19	5	11	16	13	15	28	13	17	30	11	16	27	12	15	27	9	15	24	2	15	17	1	6	7	...	6	6
West. . . .	3	10	13	5	11	16	17	14	31	23	18	41	18	16	34	16	11	27	17	15	32	18	16	34	20	15	35	16	16	32	1	11	12	...	6	6
North-West . .	1	1	2	3	3	6	4	2	6	2	1	3	...	...	...	...	..	...	...	...	...	1	...	1	1	...	1	3	...	3	1	...	1	1	1	2
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

11.—JEYPORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	4	2	6	5	3	8	2	1	3	1	...	1	2	...	2	2	2	4	...	1	1	2	...	2	2	3	5	2	4	6	3	2	5	2	2	4
North-East. . .	4	...	4	8	...	8	6	...	6	5	...	5	...	...	...	2	4	6	1	2	3	...	3	3	4	4	8	4	3	7	4	3	7	4	1	5
East	3	1	4	3	2	5	8	1	9	...	...	...	2	...	2	1	2	3	2	2	4	4	1	5	...	2	2	2	1	3	8	5	13	6	4	10
South-East. . .	3	3	6	1	...	1	2	1	3	2	1	3	1	...	1	1	...	1	...	1	1	...	2	2	1	...	1	3	3	6	7	5	12	...	2	2
South. . . .	...	1	1	3	3	6	5	2	7	3	1	4	1	3	4	...	...	...	...	1	1	...	...	...	1	...	1	1	1	2	2	3	5	1	1	2
South-West . .	3	6	9	1	3	4	3	6	9	5	8	13	7	4	11	2	8	10	3	8	11	3	11	14	1	4	5	1	...	1	1	...	1	1	4	5
West. . . .	2	5	7	1	4	5	3	12	15	8	15	23	15	19	34	13	9	22	17	11	28	16	13	29	9	5	14	3	6	9	...	2	2	2	6	8
North-West . .	11	13	24	6	13	19	2	7	9	6	5	11	3	5	8	7	5	12	8	4	12	6	1	7	12	12	24	12	11	23	3	5	8	11	9	20
Calm . . .	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	2	...	2	...	1	1	...	...	...	...	...	...	3	2	5	2	5	7	4	2	6
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

12.—AJMERE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	9	10	...	4	4	...	1	1	...	3	3	1	...	1	...	...	...	...	...	...	...	...	...	1	2	3	3	4	7	...	1	1	...	1	1
North-East. . .	4	...	4	13	7	20	3	1	4	4	1	5	2	...	2	2	2	4	2	1	3	1	1	2	2	5	7	1	4	5	2	9	11	11	4	15
East	...	...	...	1	...	1	...	1	1	...	...	...	...	1	1	...	...	...	...	1	1	1	...	1	1	1	2	1	...	1	1	1	2	1	1	2
South-East. . .	2	2	4	3	...	3	5	1	6	1	2	3	...	...	...	2	...	2	...	...	...	1	1	2	...	...	...	3	2	5	13	4	17	1	1	2
South . . .	1	1	2	3	2	5	7	...	7	2	...	2	...	...	...	...	1	1	1	1	2	...	...	...	...	...	...	1	...	1	5	5	10	5	1	6
South-West . .	6	6	12	3	6	9	6	4	10	6	3	9	1	5	6	4	5	9	4	6	10	4	5	9	2	3	5	6	1	7	3	...	3	4	3	7
West. . . .	1	3	4	2	2	4	9	12	21	10	15	25	19	17	36	17	17	34	24	21	45	23	22	45	15	9	24	10	12	22	2	2	4	...	9	19
North-West . .	5	9	14	2	4	6	1	10	11	5	6	11	8	7	15	4	3	7	...	1	1	1	...	1	9	8	17	4	5	9	1	3	4	1	...	1
Calm. . . .	11	1	12	1	3	4	...	1	1	2	...	2	...	1	1	1	2	3	...	...	...	...	2	2	...	2	2	2	3	5	3	5	8	8	11	19
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...

13.—MOUNT ABU (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours	16 hours	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Not recorded.			4	4	8	5	4	9	6	2	8	...	...	...	2	1	3	1	...	1	...	1	1	4	4	8	3	5	8	1	4	5	...	3	3
North-East				4	7	11	2	2	4	...	1	1	...	...	...	2	2	4	...	...	...	...	...	...	2	2	4	10	4	14	5	6	11	3	5	8
East				1	...	1	...	...	...	1	...	1	...	...	...	1	2	3	...	1	1	...	...	...	3	...	3	1	...	1	5	5	10	1	...	1
South-East				2	...	2	2	...	2	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	4	...	4	2	1	3	9	3	12	3	...	3
South				1	...	1	...	...	...	1	...	1	...	...	...	3	1	4	...	...	...	...	...	...	...	2	2	1	1	2	3	3	6	6	5	11
South-West				4	1	5	5	6	11	4	5	9	12	9	21	12	19	31	12	22	34	17	22	39	5	7	12	5	4	9	4	2	6	8	6	14
West				6	9	15	13	14	27	12	17	29	11	15	26	7	3	10	17	7	24	12	7	19	9	8	17	2	8	10	1	5	6	5	9	14
North-West				5	7	12	4	5	9	4	5	9	2	1	3	2	1	3	...	...	...	1	...	1	3	7	10	7	5	12	2	...	2	5	3	8
Calm				1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	1	1	2	...	...	...	...	3	3	...	2	2	...	...	...
Variable				...	...	...	...	...	...	...	...	...	6	6	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

14.—CHAKRATA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	4	...	4	...	...	...	2	1	3	...	...	...	1	1	2	...	2	2	2	...	2	2	1	3	5	...	5	1	1	2	3	...	3
North-East	9	5	14	6	1	7	6	1	7	7	1	8	3	1	4	2	...	2	2	1	3	3	...	3	4	1	5	3	...	3	5	3	8	6	3	9
East	2	...	2	7	2	9	10	4	14	8	2	10	2	2	4	...	2	2	2	1	3	2	2	4	3	7	10	5	1	6	2	...	2	8	3	11
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	3	...	3	...	...	...	1	1	2	1	...	1	...	...	...
South	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...	1	1	...	...	...	3	...	3	1	...	1
South-West	5	15	20	1	17	18	3	11	14	2	13	15	8	7	15	9	5	14	4	5	9	5	5	10	4	3	7	6	8	14	7	4	11	2	2	4
West	6	11	17	...	6	6	2	13	15	6	13	19	12	17	29	17	22	39	17	20	37	13	21	34	13	17	30	6	21	27	5	19	24	4	19	23
North-West	...	...	...	...	...	...	...	...	...	...	...	...	2	3	5	1	...	1	4	1	5	1	2	3	4	...	4	2	...	2	4	3	7	...	...	...
Calm	8	...	8	10	2	12	10	1	11	5	...	5	3	...	3	...	...	...	1	...	1	2	1	3	...	...	...	3	...	3	2	...	2	7	4	11
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

15.—RANIKHET (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
North-East	...	...	...	2	...	2	1	3	4	...	2	2	4	3	7	...	...	...	1	1	2	...	...	...	2	2	4	1	...	1	...	1	1	...	1	1
East	...	...	...	...	1	1	1	...	1	1	...	1	1	2	3	1	...	1	3	1	4	2	1	3	2	1	3	...	...	...	...	...	...	1	...	1
South-East	4	5	9	14	11	25	3	5	8	...	...	...	1	1	2	2	...	2	...	...	...	1	2	3	1	...	1	1	...	1	...	...	...	1	...	1
South	1	2	3	...	1	1	4	...	4	...	...	...	...	...	...	1	...	1	...	4	4	...	...	...	...	...	...	3	4	7	2	1	3	...	1	1
South-West	9	12	21	...	1	1	5	10	15	8	10	18	1	3	4	4	16	20	3	4	7	5	11	16	6	14	20	7	19	26	6	16	22	1	11	12
West	...	...	...	...	1	1	1	...	1	1	2	3	4	2	6	4	1	5	...	...	...	4	2	6	3	4	7	...	2	2	1	1	2	...	...	...
North-West	...	...	...	...	...	...	3	3	6	5	9	14	4	6	10	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...
Calm	17	12	29	12	13	25	13	10	23	15	7	22	16	13	29	18	13	31	24	21	45	19	15	34	14	9	23	18	6	24	21	11	32	28	18	46
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

16.—PITHORAGARH (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	1	...	1
North-East . .	4	1	5	4	3	7	2	2	4	2	3	5	...	4	4	1	...	1	1	1	2	2	2	4	4	1	5	1	...	1	1	...	1	4	3	7
East	3	3	6	5	3	8	3	1	4	...	1	1	1	...	1	1	3	4	...	...	...	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...
South-East . .	1	1	2	3	1	4	3	1	4	...	...	...	1	...	1	1	...	1	1	2	3	1	1	2	1	...	1	1	...	1	3	3	6	1	3	4
South . . .	...	10	10	2	10	12	5	10	15	9	5	14	6	5	11	1	6	7	5	4	9	4	4	8	2	4	6	3	5	8	2	9	11	2	2	4
South-West . .	1	9	10	1	11	12	1	11	12	4	20	24	1	13	14	1	5	6	...	3	3	4	10	14	2	13	15	1	17	18	...	10	10	...	4	4
West . . .	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
North-West . .	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Calm . . .	22	7	29	13	...	13	17	4	21	14	1	15	22	8	30	25	15	40	24	21	45	18	13	31	20	11	31	25	7	32	24	8	32	23	19	42
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

17.—DEHRA DUN (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	2	2	2	...	2	6	1	7	8	...	8	4	...	4	1	...	1	4	...	4	6	1	7	7	1	8	6	4	10	4	1	5	2	...	2
North-East . .	1	1	2	2	...	2	6	...	6	2	...	2	3	1	4	...	...	...	...	...	...	...	1	1	2	...	2	10	...	10	8	...	8	4	1	5
East	3	...	3	3	...	3	4	...	4	4	...	4	4	...	4	2	1	3	3	...	3	1	...	1	...	...	...	2	1	3	5	...	5	2	...	2
South-East . .	2	1	3	2	...	2	...	1	1	3	2	5	1	1	2	7	5	12	5	3	8	3	2	5	1	2	3	1	...	1	3	...	3	2	1	3
South . . .	1	7	8	1	6	7	...	2	2	2	2	4	2	3	5	5	3	8	9	6	15	10	6	16	2	2	4	1	4	5	...	5	5	3	8	11
South-West . .	2	8	10	3	8	11	3	8	11	1	6	7	3	9	12	2	6	8	4	7	11	2	5	7	2	5	7	...	5	5	...	6	6	1	2	3
West . . .	2	7	9	8	9	17	4	13	17	6	14	20	9	11	20	2	7	9	1	4	5	3	6	9	2	5	7	1	5	6	2	4	6	4	5	9
North-West . .	1	4	5	6	5	11	7	5	12	4	5	9	1	2	3	3	1	4	1	4	5	5	6	11	3	8	11	1	11	12	...	8	8	2	9	11
Calm . . .	19	1	20	1	...	1	1	1	2	...	1	1	...	...	...	...	...	...	4	7	11	1	4	5	8	4	12	9	1	10	8	6	14	10	4	14
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

18.—ROORKEE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	...	...	...	...	1	1	2	...	2	...	...	...	...	...	...
North-East . .	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	...	...	...	...	...	2	...	2	1	3	4	2	...	2	...	...	...	...	...	...	1	...	1	2	3	5	1	1	2	2	...	2	...	...	...
South-East . .	...	...	...	...	...	...	2	3	5	2	...	2	12	6	18	9	4	13	5	4	9	6	6	12	7	2	9	2	...	2	4	1	5	2	3	5
South . . .	6	6	12	7	5	12	3	2	5	5	1	6	3	4	7	10	6	16	11	10	21	4	4	8	5	3	8	11	4	15	4	4	8	2	1	3
South-West . .	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1
West . . .	6	13	19	9	15	24	10	22	32	11	23	34	2	14	16	4	9	13	1	4	5	13	16	29	4	5	9	2	5	7	5	4	9	12	15	27
North-West . .	1	1	2	2	4	6	2	...	2	1	1	2	3	3	6	...	...	...	...	...	...	...	...	...	4	4	8	...	...	...	...	1	1	1	1	2
Calm . . .	17	10	27	9	4	13	12	4	16	9	2	11	8	4	12	6	11	17	13	10	23	7	5	12	6	11	17	13	21	34	15	20	35	13	11	24
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

19.—MEERUT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	3	1	4	1	...	1	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	2	...	2	1	2	3	...	...	...	...	...	...
North-East . .	...	...	...	...	1	1	2	2	4	1	1	2	...	...	...	1	...	1	...	1	1	1	...	1	3	3	6	2	2	4	...	...	...	...	...	...
East	2	1	3	1	...	1	5	1	6	1	...	1	3	2	5	8	1	9	3	6	9	2	5	7	3	4	7	3	...	3	...	...	...	1	1	2
South-East . .	...	1	1	1	...	1	...	1	1	4	3	7	10	3	13	8	7	15	13	6	19	8	1	9	7	2	9	2	1	3	1	...	1	3	...	3
South . . .	1	1	2	1	...	1	1	2	3	3	1	4	1	1	2	...	1	1	...	2	2	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1
South-West . .	...	...	...	...	...	...	...	2	2	3	2	5	...	2	2	1	...	1	4	3	7	4	3	7	1	...	1	...	...	...	1	1	2	...	...	...
West. . . .	11	11	22	12	12	24	7	12	19	3	13	16	5	4	9	4	7	11	4	4	8	11	11	22	6	8	14	3	5	8	4	5	9	12	15	27
North-West . .	5	6	11	6	9	15	9	5	14	10	7	17	6	7	13	2	3	5	1	2	3	2	2	4	3	3	6	9	7	16	7	8	15	5	3	8
Calm . . .	12	11	23	4	5	9	6	6	12	5	2	7	6	11	17	6	11	17	6	7	13	3	9	12	4	10	14	11	14	25	17	16	33	9	12	21
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

20.—AGRA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	1	1	5	3	8	6	1	7	5	1	6	1	1	2	3	2	5	2	2	4	...	1	1	1	...	1	...	1	1	...	1	1	...	...	...
North-East . .	1	4	5	1	1	2	1	1	2	1	...	1	4	2	6	6	8	14	3	3	6	3	4	7	5	5	10	1	...	1	2	6	8	4	4	8
East	...	...	...	...	...	...	3	2	5	...	...	...	...	...	...	...	...	...	...	2	2	1	2	3	1	1	2	...	...	...	...	...	...	...	...	...
South-East . .	6	3	9	4	3	7	6	2	8	1	1	2	3	...	3	5	1	6	4	4	8	3	3	6	3	4	7	3	3	6	3	2	5	5	3	8
South . . .	...	...	...	1	...	1	1	...	1	1	...	1	3	1	4	...	1	1	2	2	4	1	...	1	1	...	1	2	...	2	...	...	...	...	...	...
South-West . .	4	4	8	...	1	1	1	4	5	6	7	13	9	8	17	5	5	10	13	12	25	5	9	14	10	5	15	15	5	20	20	4	24	5	6	11
West. . . .	2	...	2	2	...	2	1	5	6	3	6	9	1	2	3	...	2	2	2	2	4	3	4	7	2	...	2	...	...	...	...	1	1	1	2	3
North-West . .	18	19	37	15	20	35	12	16	28	13	15	28	10	17	27	11	11	22	5	4	9	15	8	23	7	15	22	10	22	32	5	16	21	16	15	31
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

21.—LUCKNOW (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	1	3	6	2	8	1	...	1	6	8	14	3	1	4	1	4	5	1	1	2	1	2	3	3	4	7	4	5	9	2	4	6	4	4	8
North-East . .	1	...	1	1	...	1	...	2	2	5	6	11	2	2	4	5	3	8	2	1	3	2	4	6	2	6	8	3	3	6	2	1	3	1	1	2
East	...	1	1	...	...	...	2	3	5	2	2	4	8	5	13	8	9	17	8	5	13	7	6	13	8	5	13	3	3	6	1	...	1	1	...	1
South-East . .	1	1	2	...	1	1	6	5	11	2	1	3	8	4	12	7	5	12	5	7	12	4	4	8	5	3	8	3	1	4	1	1	2	1	2	3
South . . .	...	...	...	1	1	2	4	4	8	2	1	3	1	2	3	2	...	2	5	2	7	1	1	2	1	1	2	1	...	1	...	...	...	...	...	...
South-West . .	2	2	4	1	1	2	6	4	10	2	3	5	1	2	3	2	2	4	5	6	11	2	1	3	2	1	3	2	1	3	1	1	2	5	6	11
West. . . .	8	10	18	6	11	17	7	8	15	5	5	10	3	9	12	3	4	7	4	6	10	5	4	9	6	6	12	4	6	10	4	4	8	7	8	15
North-West . .	6	6	12	8	9	17	4	5	9	6	4	10	5	6	11	2	3	5	1	2	3	7	8	15	3	4	7	9	10	19	7	11	18	10	5	15
Calm . . .	11	10	21	5	3	8	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2	1	3	...	...	...	2	2	4	12	8	20	2	5	7
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

22.—ALLAHABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	4	4	1	2	3	1	3	4	1	1	2	2	6	8	1	7	8	1	...	1	1	4	5	...	2	2	1	2	3	...	3	3	1	6	7
North-East . .	2	1	3	...	...	...	...	1	1	...	...	...	2	2	4	3	2	5	...	2	2	2	2	4	3	5	8	1	5	6	1	8	9	1	1	2
East	2	...	2	2	1	3	3	2	5	1	1	2	10	5	15	6	3	9	6	4	10	6	4	10	9	9	18	7	3	10	3	2	5	4	4	8
South-East . .	2	1	3	2	...	2	5	...	5	2	...	2	4	...	4	1	1	2	4	2	6	2	3	5	1	...	1	1	1	2	7	...	7	5	...	5
South . . .	2	2	4	4	...	4	3	...	3	2	...	2	2	1	3	3	3	6	2	2	4	1	2	3	1	1	2	1	...	1	3	...	3	3	...	3
South-West . .	1	...	1	5	...	5	2	...	2	2	...	2	1	1	2	5	2	7	3	2	5	...	...	...	1	...	1	1	...	1	3	...	3	4	1	5
West . . .	9	7	16	4	6	10	7	4	11	8	5	13	...	3	3	7	5	12	11	12	23	10	8	18	9	6	15	11	4	15	6	3	9	5	8	13
North-West . .	8	16	24	9	19	28	10	21	31	14	23	37	10	13	23	3	7	10	3	6	9	5	6	11	4	4	8	5	14	19	4	12	16	8	11	19
Calm . . .	5	...	5	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	4	2	6	2	3	5	3	2	5	3	2	5	...	...	...
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

23.—GHAZIPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	1	1	...	...	...	...	...	...	2	...	2	...	3	3	1	1	2	1	3	4	2	1	3	1	2	3	...	2	2	...	1	1	...	1	1
Norh-East . .	1	...	1	...	...	...	...	2	2	...	...	...	1	2	3	...	3	3	...	1	1	2	1	3	1	1	2	3	2	5	...	...	...	2	1	3
East	2	1	3	...	...	...	3	...	3	5	...	5	12	7	19	6	4	10	8	6	14	3	9	12	9	11	20	1	1	2	...	...	...	...	...	...
South-East . .	2	...	2	...	...	...	5	1	6	2	1	3	6	1	7	5	3	8	3	2	5	7	2	9	6	3	9	4	1	5	2	...	2	3	...	3
South . . .	1	...	1	1	...	1	2	1	3	2	...	2	5	4	9	1	...	1	1	...	1	1	2	3	2	...	2	1	1	2	...	...	...	...	...	...
South-West . .	4	1	5	11	1	12	3	2	5	4	1	5	2	2	4	8	4	12	5	1	6	2	3	5	2	1	3	4	2	6	3	1	4	6	4	10
West . . .	6	11	17	10	17	27	11	15	26	10	19	29	4	4	8	4	4	8	5	10	15	7	3	10	5	3	8	5	4	9	3	5	8	6	11	17
North-West . .	1	1	2	...	7	7	4	6	10	2	7	9	1	8	9	1	3	4	2	2	4	1	2	3	1	5	6	1	4	5	...	1	1	1	3	4
Calm . . .	14	16	30	6	3	9	3	4	7	3	2	5	...	...	...	4	8	12	6	6	12	6	8	14	3	4	7	12	14	26	22	22	44	12	10	22
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

24.—NOWGONG (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	2	3	2	4	6	4	6	10	1	4	5	1	8	9	...	4	4	1	3	4	...	6	6	2	5	7	1	2	3	2	4	6	5	4	9
North-East . .	1	...	1	3	3	6	1	2	3	...	...	...	...	1	1	...	2	2	...	...	...	1	...	1	3	3	6	2	2	4	2	6	8	1	3	4
East . . .	3	2	5	4	2	6	7	...	7	2	1	3	5	...	5	3	2	5	2	4	6	3	4	7	6	6	12	3	...	3	11	7	18	7	4	11
South-East . .	...	...	...	...	1	1	2	...	2	1	...	1	2	1	3	1	...	1	1	2	3	...	1	1	...	...	...	...	1	1	1	1	2	2	...	2
South . . .	...	...	...	1	...	1	1	...	1	...	1	1	1	1	2	...	...	...	2	...	2	...	1	1	...	...	...	1	...	1	...	...	...	3	3	6
South-West . .	5	1	6	1	...	1	4	3	7	6	...	6	2	...	2	1	1	2	1	3	4	2	2	4	...	1	1	2	...	2	2	1	3	1	1	2
West . . .	18	17	35	12	10	22	8	15	23	11	15	26	15	14	29	21	15	36	20	18	38	21	14	35	14	8	22	16	14	30	10	4	14	10	11	21
North-West . .	3	9	12	4	8	12	1	5	6	6	9	15	4	6	10	4	6	10	3	1	4	4	2	6	3	2	5	2	11	13	2	6	8	1	3	4
Calm . . .	...	...	...	1	...	1	3	...	3	3	...	3	1	...	1	...	...	...	1	...	1	...	1	1	2	5	7	4	1	5	...	1	1	1	2	3
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

25.—SUTNA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	5	6	11	5	9	14	5	6	11	2	4	6	7	6	13	1	6	7	2	2	4	1	5	6	5	11	16	11	10	21	7	13	20	5	7	12
North-East . .	1	...	1	2	2	4	1	2	3	...	...	...	2	...	2	...	2	2	1	...	1	1	1	2	4	5	9	2	3	5	3	2	5	3	3	6
East	...	...	...	3	...	3	9	1	10	2	...	2	1	...	1	...	1	1	1	1	2	3	2	5	5	1	6	2	2	4	8	8	16	2	2	4
South-East . .	2	1	3	2	...	2	3	1	4	2	1	3	...	...	...	1	2	3	...	1	1	1	1	2	1	...	1	...	...	...	...	...	...	4	1	5
South . . .	2	...	2	3	...	3	6	...	6	5	...	5	5	1	6	1	1	2	4	3	7	...	1	1	2	1	3	...	...	...	3	...	3	4	1	5
South-West . .	3	...	3	1	...	1	1	2	3	1	2	3	...	...	...	3	1	4	...	2	2	4	1	5	2	...	2	...	...	...	...	...	...	...	...	...
West . . .	9	6	15	8	8	16	4	8	12	9	9	18	7	8	15	19	13	32	22	15	37	14	14	28	7	7	14	8	3	11	2	...	2	8	4	12
North-West . .	5	14	19	4	8	12	2	10	12	8	13	21	8	16	24	5	3	8	1	5	6	5	5	10	2	5	7	7	12	19	5	5	10	4	12	16
Calm . . .	4	4	8	...	1	1	...	1	1	1	1	2	1	...	1	...	1	1	...	2	2	2	1	3	2	...	2	1	1	2	2	2	4	1	1	2
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

26.—DURBHANGA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	...	1	1	1	2	1	1	2	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	...	...	...	2	...	2	...	1	1	1	...	1
North-East . .	1	1	2	...	1	1	3	...	3	2	1	3	7	2	9	6	8	14	3	1	4	3	3	6	4	4	8	3	3	6	...	...	...	...	...	...
East	5	3	8	1	1	2	3	1	4	13	6	19	16	13	29	14	14	28	13	11	24	15	11	26	14	11	25	6	6	12	...	...	...	1	1	2
South-East . .	6	4	10	1	...	1	1	...	1	6	8	14	7	8	15	7	6	13	6	10	16	5	8	13	6	7	13	4	3	7	2	2	4	1	1	2
South . . .	4	4	8	1	...	1	...	1	1	...	...	...	...	1	1	1	...	1	2	...	2	...	2	2	1	1	2	1	2	3	2	2	4	...	1	1
South-West . .	3	3	6	7	7	14	8	7	15	3	4	7	...	2	2	...	1	1	4	6	10	3	2	5	3	3	6	6	6	12	7	7	14	5	11	16
West . . .	8	13	21	14	12	26	10	15	25	4	8	12	...	4	4	1	...	1	1	2	3	1	2	3	2	4	6	7	8	15	9	11	20	10	11	21
North-West . .	3	3	6	3	5	8	5	6	11	2	3	5	1	1	2	1	...	1	2	1	3	3	1	4	...	...	...	2	2	4	6	4	10	5	3	8
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	8	3	11
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

27.—PATNA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	1	2	...	...	...	...	1	1	1	1	2	...	1	1	...	2	2	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...
North-East . .	1	...	1	...	1	1	2	...	2	6	5	11	1	6	7	...	1	1	...	...	...	...	...	...	3	1	4	...	2	2	...	...	...	...	...	...
East . . .	2	1	3	...	...	...	...	...	...	9	3	12	26	13	39	21	15	36	17	11	28	20	15	35	16	18	34	10	6	16	4	1	5	1	...	1
South-East . .	1	1	2	...	...	...	1	...	1	...	...	...	1	...	1	2	...	2	1	2	3	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...
South . . .	1	...	1	2	...	2	...	...	...	...	...	...	...	...	...	1	2	3	1	...	1	2	4	6	2	1	3	4	3	7	2	...	2	3	...	3
South-West . .	4	...	4	5	...	5	5	2	7	3	1	4	...	...	...	1	1	2	...	3	3	2	1	3	...	...	...	8	5	13	4	1	5	5	...	5
West . . .	15	9	24	17	17	34	20	20	40	10	15	25	3	6	9	1	3	4	12	11	23	6	6	12	8	8	16	5	4	9	13	7	20	20	18	38
North-West . .	1	3	4	2	5	7	2	5	7	...	4	4	...	2	2	...	1	1	...	...	...	1	1	2	...	...	...	3	5	8	2	2	4	...	...	...
Calm . . .	5	16	21	2	5	7	1	3	4	1	1	2	...	3	3	4	5	9	...	4	4	...	4	4	...	2	2	...	4	4	5	19	24	2	13	15
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

28.—HAZARIBAGH (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	4	4	8	3	5	8	2	4	6	3	5		2	7	9	1	2	3	1	1	2	2	3	5	1	3	4	4	8	12	4	10	14	3	5	8
North-East . .	...	2	2	1	...	1	2	1	3	...	...	...	...	3	3	...	...	1	1	...	1	...	1	1	2	2	4	2	2	4	...	4	4	1	...	1
East	1	...	1	1	...	1	1	...	1	...	...	...	3	3	6	2	3	5	2	5	7	1	3	4	6	9	15	4	3	7	4	1	5	1	...	1
South-East . .	2	...	2	...	...	...	...	...	...	...	...	...	3	1	4	2	4	6	1	2	3	5	5	10	3	5	8	...	...	...	4	2	6	...	...	...
South . . .	1	...	1	3	...	3	2	...	2	1	...	1	7	3	10	5	2	7	4	3	7	6	6	12	6	4	10	3	1	4	3	1	4	2	...	2
South-West . .	5	...	5	...	1	1	...	2	2	5	...	5	3	2	5	5	5	10	5	4	9	2	1	3	3	1	4	1	...	1	3	...	3	2	1	3
West . . .	3	7	10	7	14	21	10	10	20	8	6	14	7	4	11	8	4	12	12	6	18	7	4	11	5	1	6	5	4	9	4	4	8	9	7	16
North-West . .	10	17	27	12	8	20	11	14	25	10	19	29	6	8	14	6	8	14	4	10	14	7	6	13	3	5	8	9	11	20	5	8	13	13	18	31
Calm . . .	5	1	6	1	...	1	3	...	3	3	...	3	...	...	...	1	1	2	1	...	1	1	2	3	1	...	1	3	2	5	3	...	3	...	...	...
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

29.—DARJEELING (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	1	3	3	...	3	...	...	...	3	1	4	2	1	3	1	1	2	...	1	1	2	1	3	1	1	2	1	1	2	2	...	2	...	...	...
North-East . .	8	2	10	9	...	9	6	...	6	7	1	8	6	1	7	8	4	12	10	6	16	6	7	13	8	4	12	3	2	5	8	2	10	3	...	3
East	6	...	6	7	...	7	2	...	2	3	1	4	6	3	9	4	3	7	11	8	19	7	4	11	6	3	9	8	3	11	10	1	11	2	...	2
South-East . .	2	...	2	2	1	3	...	...	...	...	1	1	3	2	5	...	3	3	3	6	9	3	1	4	1	...	1	5	3	8	3	...	3	1	...	1
South . . .	1	...	1	...	1	1	2	2	4	2	2	4	2	2	4	2	1	3	1	...	1	2	1	3	2	1	3	2	...	2	1	...	1	...	1	1
South-West . .	7	10	17	3	12	15	10	18	28	8	13	21	6	8	14	7	8	15	3	4	7	3	6	9	5	7	12	6	8	14	2	7	9	2	7	9
West . . .	4	17	21	3	13	16	9	9	18	3	8	11	4	12	16	4	7	11	3	4	7	2	3	5	4	8	12	5	8	13	1	10	11	1	7	8
North-West . .	...	1	1	1	1	2	1	1	2	1	...	1	...	2	2	2	1	3	...	...	...	1	2	3	...	2	2	1	2	3	1	5	6	...	1	1
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	5	5	10	2	...	2	...	...	...	1	4	5	22	15	37
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

30.—BERHAMPORE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	11	10	21	...	1	1	...	1	1	1	3	4	...	2	2	1	1	2	...	...	...	...	2	2	...	...	...	4	3	7	8	8	16	6	4	10
North-East . .	1	1	2	2	...	2	1	...	1	1	1	2	4	3	7	2	2	4	...	2	2	1	1	2	1	2	3	1	2	3	6	5	11	...	...	...
East	...	1	1	...	...	...	...	...	...	4	1	5	8	11	19	10	6	16	10	8	18	4	9	13	8	10	18	6	3	9	3	1	4	...	...	...
South-East . .	...	...	...	1	...	1	2	...	2	3	1	4	5	...	5	1	3	4	2	5	7	7	4	11	2	4	6	2	1	3	...	...	...	...	...	...
South . . .	2	1	3	3	...	3	3	4	7	12	9	21	9	7	16	14	12	26	12	8	20	13	11	24	10	10	20	4	5	9	...	...	...	1	2	3
South-West . .	2	5	7	6	7	13	12	12	24	7	4	11	2	4	6	2	2	4	4	4	8	4	2	6	8	3	11	8	7	15	2	2	4	5	4	9
West . . .	7	9	16	8	17	25	12	12	24	2	7	9	1	3	4	...	2	2	3	3	6	1	1	2	1	1	2	3	5	8	4	6	10	11	9	20
North-West . .	7	4	11	8	3	11	1	2	3	...	4	4	1	...	1	...	2	2	...	1	1	1	1	2	...	...	...	3	4	7	7	6	13	8	8	16
Calm . . .	1	...	1	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2	2	...	4	4
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

31.—BURDWAN (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	8	3	11	6	7	13	4	3	7	2	3	5	...	5	5	...	...	...	...	...	...	...	...	...	...	2	2	9	7	16	17	13	30	9	13	22
North-East . .	5	3	8	3	...	3	...	...	...	...	1	1	1	1	2	...	...	...	...	...	...	...	1	1	...	1	1	3	2	5	2	4	6	1	1	2
East . . .	2	...	2	1	...	1	1	...	1	...	...	...	4	1	5	6	3	9	1	1	2	2	4	6	6	4	10	3	3	6	2	2	4	4	1	5
South-East . .	...	...	...	1	...	1	2	...	2	1	2	3	3	7	10	4	6	10	8	7	15	7	8	15	8	7	15	...	2	2	1	...	1	...	...	...
South . . .	1	1	2	1	4	5	2	4	6	10	10	20	12	10	22	9	12	21	7	10	17	10	12	22	6	9	15	1	3	4	...	...	...	...	...	...
South-West . .	2	3	5	3	3	6	6	6	12	13	3	16	7	3	10	9	5	14	12	9	21	9	4	13	6	2	8	3	4	7	...	...	...	...	...	...
West . . .	5	9	14	3	3	6	4	9	13	3	3	6	2	1	3	2	2	4	2	3	5	1	1	2	2	1	3	7	...	7	...	3	3	5	2	7
North-West . .	4	8	12	5	7	12	3	6	9	1	4	5	...	2	2	...	...	...	1	...	1	1	...	1	1	1	2	2	4	6	3	2	5	6	10	16
Calm . . .	4	4	8	5	4	9	9	3	12	...	4	4	2	1	3	...	2	2	...	1	1	1	1	2	1	3	4	3	6	9	5	6	11	6	4	10
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

32.—CALCUTTA (ALIPORE) (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	10	11	21	6	7	13	6	1	7	...	...	...	...	...	...	...	...	...	...	...	..		...	...	...	1	1	7	5	12	10	12	22	10	11	21
North-East . .	2	1	3	6	...	6	1	...	1	...	1	1	...	1	1	...	1	1	1	1	2	...	1	1	1	1	2	1	2	3	5	4	9	5	3	8
East . . .	...	...	...	2	...	2	...	...	...	1	...	1	8	1	9	4	3	7	4	2	6	6	2	8	7	6	13	7	5	12	7	1	8	3	...	3
South-East . .	1	...	1	...	...	...	...	2	2	2	1	3	5	3	8	4	5	9	2	3	5	4	6	10	10	9	19	4	4	8	1	1	2	1	...	1
South . . .	...	1	1	1	2	3	3	6	9	8	12	20	6	15	21	10	11	21	7	9	16	10	15	25	3	8	11	1	1	2	...	...	...	...	...	...
South-West . .	6	4	10	6	7	13	12	10	22	16	11	27	11	9	20	11	9	20	14	13	27	10	6	16	8	2	10	5	4	9	1	1	2	4	2	6
West . . .	4	8	12	4	5	9	5	10	15	2	3	5	1	1	2	1	1	2	3	2	5	1	...	1	...	...	...	3	3	6	1	1	2	1	3	4
North-West . .	5	6	11	2	7	9	4	2	6	1	2	3	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	2	3	5	1	5	6	2	12	14
Calm . . .	3	...	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	1	2	3	1	4	5	4	5	9	5	...	5
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

33.—SAGOUR ISLAND (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	12	11	23	9	4	13	4	1	5	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	7	8	15	13	14	27	14	14	28
North-East . .	4	1	5	2	...	2	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	2	...	2	2	...	2	6	1	7	11	3	14	7	1	8
East . . .	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	1	...	1	1	1	2	1	1	2	4	2	6	4	1	5	2	1	3	...	...	...
South-East . .	1	...	1	...	2	2	...	7	7	...	8	8	2	2	4	4	7	11	4	2	6	4	7	11	6	11	17	3	4	7		1	1	1	...	1
South . . .	...	4	4	2	14	16	8	20	28	17	19	36	11	26	37	12	13	25	5	12	17	13	15	28	9	12	21	2	4	6	...	...	...	1	3	4
South-West . .	3	10	13	6	5	11	13	2	15	10	2	12	14	3	17	11	7	18	18	14	32	10	6	16	4	3	7	2	4	6	...	2	2	1	8	9
West . . .	5	2	7	2	1	3	3	1	4	1	...	1	1	...	1	2	1	3	3	1	4	1	2	3	4	1	5	1	3	4	1	4	5	1	2	3
North-West . .	7	2	9	7	2	9	3	...	3	1	1	2	1	...	1	...	...	...	...	1	1	...	...	...	1	1	2	6	6	12	3	5	8	6	3	9
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

34.—DACCA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	3	2	5	3	...	3	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	4	7	9	7	16	11	1	12
North-East . .	7	2	9	4	...	4	1	...	1	...	1	1	2	1	3	...	1	1	...	...	...	...	...	...	...	...	...	4	2	6	6	4	10	4	1	5
East	2	1	3	2	1	3	1	2	3	1	1	2	4	6	10	2	1	3	1	1	2	2	1	3	4	4	8	5	1	6	6	4	10	1	...	1
South-East . .	...	1	1	...	...	...	1	...	1	3	5	8	6	5	11	8	6	14	11	6	17	8	6	14	8	6	14	3	2	5	1	1	2	1	...	1
South . . .	5	5	10	5	1	6	10	8	18	14	13	27	12	11	23	14	16	30	13	18	31	17	17	34	11	12	23	9	7	16	6	...	6	3	...	3
South-West . .	6	2	8	6	8	14	12	11	23	8	3	11	5	6	11	5	5	10	4	3	7	3	5	8	3	5	8	3	4	7	...	...	...	4	4	8
West . . .	1	10	11	5	11	16	4	4	8	...	1	1	...	2	2	...	1	1	1	1	2	...	1	1	3	3	6	1	7	8	1	5	6	2	10	12
North-West . .	5	3	8	2	5	7	...	1	1	1	2	3	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	3	3	6	1	7	8	4	14	18
Calm . . .	2	4	6	1	2	3	1	2	3	...	2	2	...	...	...	1	...	1	...	1	1	...	...	...	1	...	1	...	...	...	...	2	2	1	1	2
Variable . . .	...	...	...	...	...	...	1	2	3	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...

35.—CHITTAGONG (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	6	2	8	8	...	8	3	...	3	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	7	5	12	12	5	17
North-East . .	11	1	12	8	...	8	3	1	4	1	...	1	2	1	3	...	...	...	...	...	...	...	...	...	3	...	3	5	1	6	17	2	19	13	1	14
East	2	1	3	...	...	...	2	...	2	2	...	2	3	1	4	...	...	...	...	...	...	1	...	1	3	1	4	4	1	5	2	1	3	2	2	4
South-East . .	...	1	1	3	1	4	9	1	10	9	...	9	9	1	10	15	3	18	18	8	26	16	2	18	6	1	7	5	4	9	...	1	1	...	...	...
South . . .	...	2	2	2	2	4	7	4	11	12	10	22	10	8	18	13	17	30	10	15	25	12	14	26	6	5	11	2	2	4	...	1	1	1	...	1
South-West . .	...	5	5	1	4	5	5	13	18	4	12	16	4	11	15	2	9	11	3	7	10	2	12	14	4	11	15	1	2	3	1	...	1	...	2	2
West . . .	6	14	20	2	12	14	...	7	7	1	6	7	1	7	8	...	1	1	...	...	...	...	3	3	1	9	10	2	6	8	1	11	12	2	8	10
North-West . .	2	5	7	2	9	11	1	5	6	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	3	3	2	6	8	2	8	10	1	13	14
Calm . . .	4	...	4	2	...	2	1	...	1	...	...	...	1	1	2	...	...	...	...	1	1	...	...	...	7	...	7	9	7	16	...	1	1	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

36.—DEMAGIRI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East . .	...	...	...	...	...	...	...	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	6	...	6	2	...	2	10	7	17	17	15	32	9	14	23	9	11	20	2	4	6	2	...	2	1	...	1	2	1	3	5	...	5	5	...	15
South-East . .	3	2	5	...	...	...	1	7	8	1	1	2	10	3	13	21	13	34	28	25	53	28	26	54	15	13	28	11	7	18	16	...	16	14	...	14
South . . .	13	7	20	23	2	25	13	2	15	5	2	7	4	...	4	...	3	3	1	1	2	1	...	1	2	1	3	1	2	3	2	2	4	4	1	5
South-West . .	7	15	22	3	17	20	6	11	17	3	1	4	1	2	3	...	...	...	...	...	...	...	2	2	10	12	22	15	14	29	6	15	21	8	21	29
West . . .	2	4	6	...	1	1	...	...	...	1	4	5	4	5	9	...	1	1	...	1	1	...	1	1	2	2	4	2	6	8	1	13	14	...	9	9
North-West . .	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...
Calm . . .	...	2	2	...	8	8	1	4	5	1	4	5	3	7	10	...	2	2	...	...	...	...	2	2	...	1	1	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

37.—TURA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	1	2	...	...	...	1	...	1	...	1	1	2	...	2	2	...	2	2	...	2	...	...	...	...	3	3	1	3	4	...	...	...	1	...	1
North-East . .	1	...	1	...	...	...	2	...	2	2	...	2	6	2	8	2	2	4	1	2	3	...	...	...	4	1	5	2	4	6	3	1	4	...	...	...
East	16	...	16	10	1	11	3	...	3	...	2	2	...	3	3	2	3	5	1	1	2	4	1	5	5	2	7	12	2	14	9	3	12	12	2	14
South-East . .	8	4	12	8	1	9	12	1	13	7	3	10	...	2	2	11	4	15	9	9	18	10	9	19	13	12	25	10	6	16	9	3	12	11	3	14
South . . .	4	4	8	8	5	13	10	8	18	7	6	13	6	6	12	9	13	22	13	13	26	10	11	21	6	7	13	2	9	11	5	7	12	3	4	7
South-West . .	...	21	21	2	21	23	2	19	21	13	17	30	17	16	33	3	8	11	5	5	10	6	8	14	2	3	5	3	6	9	2	14	16	4	19	23
West. . . .	...	...	...	...	...	...	1	3	4	...	...	...	...	2	2	...	...	...	...	1	1	...	2	2	...	2	2	1	...	1	1	1	2	...	3	3
North-West . .	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	1	1	1	1	2	...	...	...
Calm. . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

38.—DHUBRI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16-hours.	Total.
North . . .	...	2	2	2	...	2	...	1	1	2	..	2	1	1	2	1	1	2	...	2	2	1	1	2	1	1	2	...	1	1	...	...	...	1	1	2
North-East . .	9	9	18	6	1	7	8	1	9	11	12	23	13	4	17	9	7	16	5	2	7	9	6	15	11	8	19	11	6	17	15	11	26	12	8	20
East	18	5	23	7	...	7	8	...	8	11	3	14	10	4	14	7	3	10	8	2	10	2	2	4	4	4	8	8	4	12	9	6	15	12	3	15
South-East . .	1	1	2	2	...	2	...	...	...	1	..	1	1	2	3	2	4	6	1	2	3	3	3	6	1	1	2	2	1	3	4	...	4	...	...	...
South . . .	1	3	4	1	1	2	...	2	2	...	4	4	1	6	7	3	5	8	3	3	6	3	3	6	...	1	1	1	3	4	...	...	...	...	...	...
South-West . .	...	4	4	5	14	19	10	9	19	2	8	10	2	5	7	4	7	11	9	11	20	7	10	17	5	4	9	6	6	12	1	4	5	5	7	12
West. . . .	...	...	...	1	5	6	3	14	17	...	2	2	...	...	...	1	1	2	...	1	1	1	1	2	1	1	2	...	2	2	...	...	...	...	...	...
North-West . .	...	1	1	...	1	1	...	2	2	1	1	2	...	...	...	...	1	1	1	...	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...
Calm. . . .	2	6	8	4	6	10	2	2	4	2	...	2	3	9	12	3	1	4	4	8	12	5	5	10	6	9	15	3	8	11	1	9	10	1	12	13
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

39.—SIBSAGAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total
North . . .	...	...	...	...	...	...	...	1	1	2	...	2	..	2	2	2	1	3	...	...	..	...	...	...	...	...	...	...	...	...	1	1	2	1	...	1
North-East . .	11	20	31	15	19	34	21	24	45	17	19	36	14	17	31	9	12	21	5	8	13	3	6	9	11	15	26	18	24	42	18	21	39	10	15	25
East	5	1	6	5	4	9	9	4	13	3	1	4	5	2	7	3	1	4	1	...	1	6	3	9	4	2	6	4	2	6	3	1	4	2	3	5
South-East . .	5	1	6	4	1	5	...	1	1	4	1	5	4	1	5	1	2	3	8	5	13	...	...	...	4	3	7	1	1	2	5	5	10	10	7	17
South . . .	2	3	5	1	...	1	1	...	1	...	...	...	...	...	...	1	1	2	4	1	5	4	4	8	...	...	...	...	1	1	1	...	1	...	...	...
South-West . .	7	5	12	2	1	3	...	...	...	4	8	12	6	7	13	13	12	25	11	16	27	17	18	35	8	6	14	6	3	9	2	2	4	4	3	7
West. . . .	...	...	...	1	2	3	...	...	...	...	...	...	...	1	1	...	...	...	2	...	2	1	..	1	2	...	2	...	...	...	...	...	...	3	1	4
North-West . .	1	1	2	...	..	...	...	...	...	...	1	1	2	1	3	1	1	2	...	1	1	...	..	...	1	4	5	2	...	2	.	...	...	1	1	2
Calm. . . .	...	...	...	...	1	1	...	1	1	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

40.—SILCHAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	1	1	2	2	4	1	...	1	1	3	4	1	...	1	...	2	2	1	2	3	...	2	2	1	1	2	...	1	1	...	...	...
North-East . .	4	2	6	3	1	4	4	2	6	4	3	7	3	3	6	3	1	4	4	1	5	5	2	7	3	1	4	3	1	4	6	2	8	1	...	1
East	15	3	18	7	1	8	9	4	13	5	3	8	7	3	10	6	2	8	5	2	7	2	...	2	4	1	5	7	1	8	7	1	8	6	...	6
South-East. . .	3	5	8	10	1	11	2	2	4	1	1	2	1	...	1	4	...	4	5	4	9	...	1	1	3	1	4	...	...	...	2	1	3	4	4	8
South . . .	3	1	4	2	8	10	1	5	6	...	1	1	...	1	1	1	1	2	2	2	4	3	2	5	2	5	7	...	3	3	...	3	3	...	6	6
South-West . .	...	3	3	1	10	11	...	7	7	1	3	4	1	5	6	...	5	5	1	4	5	2	3	5	1	6	7	...	4	4	...	1	1	...	4	4
West . . .	1	1	2	...	2	2	...	1	1	...	3	3	...	4	4	2	6	8	1	5	6	1	9	10	...	4	4	...	3	3	...	2	2	...	1	1
North-West . .	...	1	1	...	...	...	1	...	1	...	...	...	...	1	1	1	4	5	...	5	5	1	6	7	...	1	1	1	...	1	...	...	...	...	...	...
Calm . . .	5	15	20	5	4	9	12	8	20	18	16	34	18	11	29	12	11	23	13	6	19	16	6	22	17	9	26	19	18	37	15	19	34	20	16	36
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

41.—FALSE POINT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	8	...	8	4	...	4	3	...	3	1	...	1	1	...	1	1	...	1	1	...	1	...	...	...	1	...	1	12	3	15	8	5	13	14	2	16
North-East . .	2	8	10	1	3	4	...	...	...	...	1	1	...	...	...	...	1	1	1	...	1	1	...	1	1	...	1	4	6	10	5	15	20	...	7	7
East	...	5	5	1	4	5	...	2	2	1	...	1	1	...	1	1	1	2	...	1	1	3	5	8	6	6	12	2	10	12	2	4	6	...	9	9
South-East . .	2	9	11	1	10	11	...	3	3	1	1	2	3	1	4	5	6	11	...	...	...	1	2	3	6	6	12	1	3	4	2	5	7	1	7	8
South . . .	1	9	10	4	9	13	16	20	36	18	23	41	21	24	45	10	16	26	5	9	14	11	14	25	7	12	19	2	5	7	1	1	2	1	6	7
South-West . .	4	...	4	7	2	9	9	6	15	9	4	13	5	6	11	8	6	14	14	13	27	6	8	14	5	3	8	1	1	2	1	...	1	4	...	4
West . . .	5	...	5	3	...	3	2	...	2	...	...	...	...	...	...	4	...	4	9	6	15	6	2	8	2	2	4	3	2	5	2	...	2	2	...	2
North-West . .	9	...	9	7	...	7	1	...	1	...	1	1	...	...	...	1	...	1	...	2	2	3	...	3	2	1	3	6	1	7	9	...	9	9	...	9
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

42.—CUTTACK (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	2	3	2	2	4	...	1	1	...	1	1	...	1	1	...	...	...	1	1	2	1	...	1	3	2	5	4	...	4	5	1	6	2	1	3
North-East . .	3	4	7	5	5	10	2	1	3	2	...	2	...	...	...	1	1	2	...	1	1	...	1	1	6	3	9	13	11	24	12	11	23	10	3	13
East	2	1	3	5	3	8	2	...	2	...	...	...	...	...	...	1	1	2	...	...	...	3	2	5	5	4	9	2	2	4	1	4	5	3	2	5
South-East . .	...	...	...	...	2	2	...	1	1	1	...	1	2	2	4	1	2	3	...	...	...	3	2	5	3	3	6	1	1	2	1	1	2	...	...	...
South . . .	...	...	...	2	4	6	3	13	16	2	16	18	11	19	30	4	7	11	1	2	3	2	9	11	1	6	7	...	5	5	...	1	1	1	2	3
South-West . .	2	1	3	3	2	5	14	9	23	21	8	29	15	9	24	15	11	26	16	14	30	7	11	18	6	3	9	3	1	4	1	...	1	4	1	5
West . . .	8	3	11	2	...	2	3	1	4	2	2	4	1	...	1	6	4	10	11	12	23	12	4	16	2	1	3	...	3	3	1	...	1	2	7	9
North-West . .	3	6	9	3	...	3	2	1	3	2	1	3	...	...	...	1	2	3	1	1	2	1	...	1	3	1	4	4	1	5	...	...	...	1	2	3
Calm . . .	12	14	26	6	10	16	5	4	9	...	2	2	2	...	2	1	2	3	1	...	1	2	2	4	1	7	8	4	7	11	9	12	21	8	13	21
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

43.—SAMBALPUR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	5	9	Not recorded.			10	2	12	5	4	9	2	1	3	...	1	1	...	1	1	1	...	1	...	3	3	7	9	16	5	10	15	4	6	10
North-East	3	2	5				6	2	8	...	1	1	4	4	8	2	3	5	...	...	...	1	3	4	4	2	6	13	10	23	10	8	18	8	4	12
East	...	...	...				1	...	1	1	...	1	3	2	5	1	...	1	...	...	...	1	1	2	8	5	13	2	...	2	3	2	5	1	...	1
South-East	...	...	...				1	...	1	1	...	1	2	...	2	1	2	3	...	...	...	1	...	1	4	7	11	1	1	2	4	6	10	1	...	1
South	1	...	1				1	2	3	5	1	6	2	...	2	...	2	2	...	1	1	3	1	4	1	1	2	...	1	1	...	...	...	1	...	1
South-West	3	4	7				6	3	9	10	9	19	16	11	27	16	14	30	21	16	37	16	11	27	8	7	15	2	2	4	...	...	...	3	4	7
West	9	10	19				4	16	20	3	6	9	1	4	5	7	6	13	9	9	18	6	6	12	4	4	8	2	3	5	2	2	4	5	6	11
North-West	11	10	21				2	6	8	1	6	7	1	9	10	3	2	5	1	4	5	2	3	5	1	...	1	4	5	9	6	2	8	8	11	19
Calm	...	...	...				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6	...	1	1	...	...	...	...	...	...	...	...	...
Variable	...	...	...				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

44.—RAIPUR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	8	9	5	3	8	...	3	3	1	4	5	2	5	7	...	1	1	1	...	1	...	1	1	3	3	6	4	8	12	2	6	8	1	5	6
North-East	8	5	13	12	2	14	6	...	6	3	4	7	4	1	5	...	...	...	...	...	...	1	2	3	8	5	13	12	13	25	8	9	17	11	4	15
East	5	1	6	3	3	6	3	3	6	2	...	2	3	...	3	...	1	1	...	...	...	1	...	1	3	5	8	4	4	8	6	3	9	7	1	8
South-East	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	1	2	1	...	1	2	...	2	...	...	...
South	...	...	...	2	...	2	1	...	1	...	...	...	2	1	3	...	2	2	...	...	...	1	1	2	2	2	4	...	...	...	1	...	1	2	...	2
South-West	4	1	5	3	4	7	5	10	15	7	6	13	6	5	11	12	13	25	17	16	33	12	11	23	4	4	8	4	...	4	1	...	1	3	3	6
West	5	4	9	2	8	10	6	11	17	13	9	22	7	10	17	15	12	27	12	14	26	11	12	23	4	4	8	2	2	4	2	2	4	4	7	11
North-West	3	9	12	...	5	5	5	2	7	2	7	9	5	8	13	3	...	3	1	1	2	5	3	8	3	3	6	3	2	5	1	6	7	1	6	7
Calm	4	3	7	...	3	3	4	2	6	2	...	2	2	1	3	...	...	...	...	...	...	...	1	1	2	3	5	1	2	3	7	4	11	2	5	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

45.—KHANDWA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	6	9	4	8	12	5	1	6	8	3	11	8	1	9	...	2	2	...	1	1	...	1	1	1	8	9	5	12	17	...	2	2	1	2	3
North-East	11	11	22	11	2	13	2	...	2	1	1	2	...	...	...	1	...	1	...	...	...	...	...	...	...	3	3	6	11	17	11	12	23	9	5	14
East	8	2	10	1	1	2	2	...	2	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	1	6	5	5	10	...	2	2
South-East	1	2	3	1	...	1	1	...	1	2	1	3	...	...	...	1	2	3	...	...	...	...	...	...	1	1	2	1	...	1	4	3	7	9	3	12
South	3	5	8	2	...	2	2	1	3	...	1	1	...	1	1	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	8	2	10	3	5	8
South-West	...	...	...	...	2	2	2	4	6	4	1	5	...	1	1	4	4	8	5	5	10	...	1	1	3	1	4	1	...	1	1	1	2	1	2	3
West	3	1	4	7	6	13	4	13	17	5	10	15	6	14	20	20	11	31	24	21	45	25	23	48	18	9	27	2	2	4	...	...	...	4	3	7
North-West	2	4	6	2	9	11	12	12	24	7	12	19	17	14	31	4	7	11	2	4	6	6	6	12	7	7	14	6	4	10	...	3	3	4	8	12
Calm	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	5	1	6	1	2	3	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

46.—HOSHANGABAD (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	1	1	...	1	1	1	2	3	...	...	...	...	1	1	...	...	...	...	1	1	2	2	4	3	6	9	...	...	...	...	1	1
North-East . .	3	3	6	9	2	11	3	...	3	5	...	5	2	...	2	...	...	...	...	...	...	...	...	...	...	1	1	7	7	14	11	10	21	5	2	7
East	20	12	32	15	10	25	4	4	8	8	4	12	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	5	2	7	17	13	30	17	12	29
South-East . .	1	2	3	...	...	...	2	...	2	2	...	2	...	...	...	...	2	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	4	3	7
South . . .	...	2	2	1	1	2	1	1	2	3	1	4	1	1	2	2	1	3	2	3	5	1	2	3	2	1	3	2	...	2	...	...	...	1	...	1
South-West . .	2	2	4	1	4	5	10	4	14	3	4	7	6	5	11	20	16	36	24	18	42	16	7	23	8	2	10	4	2	6	...	...	...	...	4	4
West . . .	2	6	8	1	6	7	8	17	25	7	9	16	17	17	34	8	10	18	4	10	14	11	16	27	8	9	17	4	2	6	1	2	3	1	2	3
North-West . .	...	1	1	1	3	4	...	2	2	...	7	7	5	8	13	...	...	...	1	...	1	2	4	6	3	4	7	1	5	6	...	...	...	...	...	...
Calm	3	3	6	...	1	1	3	2	5	1	3	4	...	...	...	...	...	...	...	...	...	1	...	1	6	8	14	5	7	12	1	5	6	3	7	10
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

47.—JUBBULPORE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	2	2	1	4	5	2	...	2	...	...	...	2	2	4	...	2	2	...	...	...	...	2	2	2	4	6	4	7	11	2	7	9	2	3	5
North-East . .	4	4	8	9	5	14	5	3	8	4	1	5	...	3	3	1	1	2	1	...	1	1	...	1	5	5	10	8	11	19	6	7	13	1	4	5
East	1	1	2	4	1	5	3	...	3	1	1	2	...	...	...	...	1	1	...	1	1	1	1	2	...	3	3	...	2	2	2	3	5	5	1	6
South-East . .	10	...	10	4	...	4	2	2	4	4	1	5	2	...	2	...	2	2	...	1	1	1	1	2	...	1	1	2	1	3	6	...	6	9	2	11
South . . .	6	...	6	3	1	4	3	2	5	10	3	13	2	...	2	2	2	4	2	...	2	1	...	1	1	1	2	5	...	5	4	...	4	5	1	6
South-West . .	1	2	3	...	1	1	...	4	4	1	2	3	6	...	6	7	5	12	4	7	11	4	5	9	3	1	4	3	1	4	2	...	2	1	...	1
West . . .	4	6	10	2	6	8	8	16	24	5	11	16	14	18	32	16	11	27	22	19	41	18	16	34	9	5	14	1	...	1	...	1	1	2	4	6
North-West . .	1	9	10	2	8	10	4	3	7	2	9	11	5	8	13	3	5	8	2	3	5	5	3	8	5	5	10	1	3	4	...	4	4	4	7	11
Calm	4	7	11	2	2	4	4	1	5	3	2	5	...	...	...	1	1	2	...	...	...	...	2	2	5	5	10	7	6	13	8	8	16	2	9	11
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

48.—NAGPUR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	6	4	10	...	8	8	7	3	10	5	5	10	13	4	17	1	3	4	...	...	...	1	...	1	5	5	10	12	15	27	9	4	13	5	3	8
North-East . .	10	6	16	10	3	13	6	...	6	4	1	5	5	1	6	...	...	...	...	...	...	...	1	1	3	4	7	7	9	16	11	13	24	8	8	16
East	4	5	9	8	...	8	1	1	2	4	1	5	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	2	1	3	5	7	12	6	1	7
South-East . .	1	1	2	2	2	4	4	1	5	1	2	3	...	...	...	2	3	5	...	...	...	...	...	...	1	1	2	1	...	1	...	1	1	2	4	6
South . . .	...	3	3	...	3	3	3	5	8	3	2	5	...	1	1	2	2	4	...	1	1	...	2	2	1	...	1	...	...	...	1	1	2	1	6	7
South-West . .	...	1	1	1	6	7	3	6	9	8	5	13	1	1	2	7	6	13	8	10	18	3	4	7	3	3	6	2	1	3	...	...	...	1	1	2
West . . .	...	2	2	...	2	2	...	11	11	3	8	11	1	9	10	9	9	18	22	16	38	14	12	26	8	8	16	...	1	1	...	...	...	1	...	1
North-West . .	2	3	5	1	3	4	7	4	11	2	4	6	10	14	24	9	7	16	1	3	4	10	9	19	8	7	15	5	3	8	...	1	1	...	...	...
Calm	8	6	14	5	...	5	...	...	...	...	2	2	1	1	2	...	...	...	...	1	1	2	3	5	...	1	1	2	1	3	4	3	7	7	8	15
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

49.—CHANDA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	6	9	15	2	2	4	3	...	3	1	...	1	4	5	9	2	...	2	...	...	...	...	...	...	2	...	2	8	8	16	9	9	18	5	5	10
North-East . . .	3	2	5	3	3	6	...	1	1	...	...	...	2	4	6	...	6	6	...	...	...	...	...	...	1	1	2	4	5	9	4	5	9	6	7	13
East	2	3	5	7	10	17	2	4	6	3	5	8	...	1	1	...	...	...	...	...	...	...	1	1	1	1	2	2	1	3	12	5	17	3	7	10
South-East . .	6	1	7	12	1	13	11	6	17	8	4	12	3	1	4	2	3	5	...	...	...	...	...	...	1	3	4	...	...	...	1	1	2	5	2	7
South . . .	...	...	...	...	...	...	2	2	4	3	7	10	...	...	...	3	3	6	...	1	1	...	2	2	...	3	3	...	...	...	...	...	...	1	2	3
South-West . .	...	...	...	...	...	...	2	...	2	6	2	8	6	2	8	7	5	12	7	11	18	5	7	12	2	2	4	...	...	...	...	...	...	2	1	3
West . . .	...	1	1	...	...	...	...	1	1	3	5	8	7	8	15	10	11	21	16	12	28	22	19	41	8	8	16	...	...	...	...	...	...	4	...	4
North-West . .	6	4	10	2	5	7	11	17	28	6	7	13	9	10	19	6	1	7	8	7	15	4	2	6	13	8	21	6	5	11	...	...	...	3	4	7
Calm . . .	8	11	19	2	7	9	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2	4	6	11	12	23	4	10	14	2	3	5
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

50.—SIRONCHA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	5	5	10	...	...	...	...	1	1	...	3	3	4	4	8	1	3	4	...	...	...	1	1	2	4	2	6	7	16	23	1	7	8	1	2	3
North-East . .	...	3	3	...	2	2	...	...	...	1	2	3	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	5	6	1	3	4	...	...	...
East	1	...	1	1	2	3	3	2	5	...	1	1	2	4	6	...	...	...	...	...	...	...	...	...	...	2	2	...	1	1	1	2	3	...	...	...
South-East . .	...	1	1	3	...	3	10	3	13	10	2	12	4	2	6	1	1	2	...	...	...	...	...	...	...	...	...	...	1	1	...	2	2	1	1	2
South . . .	1	1	2	6	4	10	8	5	13	11	7	18	9	2	11	2	7	9	7	2	9	1	1	2	1	1	2	1	...	1	1	...	1	3	1	4
South-West . .	3	1	4	...	3	3	2	5	7	2	2	4	3	2	5	9	7	16	12	12	24	4	6	10	2	4	6	...	...	...	...	...	...	...	...	...
West . . .	1	1	2	1	1	2	...	6	6	2	3	5	4	7	11	12	8	20	11	11	22	19	9	28	10	5	15	2	...	2	...	...	...	...	...	...
North-West . .	2	9	11	1	2	3	...	2	2	...	5	5	4	7	11	2	3	5	1	4	5	2	6	8	8	9	17	7	6	13	...	4	4	1	2	3
Calm . . .	18	10	28	16	14	30	8	7	15	4	5	9	1	2	3	3	1	4	...	2	2	4	8	12	5	7	12	13	2	15	26	12	38	25	25	50
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

51.—CHIKALDA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	6	7	13	3	5	8	11	5	16	8	3	11	13	6	19	7	3	10	1	2	3	6	5	11	9	12	21	13	22	35	...	6	6	1	4	5
North-East . .	1	...	1	1	...	1	...	...	...	1	...	1	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
East	...	...	...	2	...	2	1	...	1	2	1	3	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	2	2	4	...	...	...
South-East . .	1	...	1	3	...	3	4	1	5	3	...	3	...	...	...	...	1	1	...	...	...	...	...	...	2	...	2	2	...	2	5	...	5	5	1	6
South . . .	8	...	8	5	2	7	3	3	6	4	2	6	...	...	...	3	3	6	1	3	4	...	...	...	1	1	2	1	...	1	5	1	6	9	5	14
South-West . .	2	...	2	2	...	2	1	1	2	1	...	1	...	...	...	1	1	2	2	...	2	1	1	2	...	...	...	...	...	...	2	1	3	1	1	2
West . . .	...	3	3	2	6	8	3	7	10	1	5	6	1	6	7	5	8	13	13	10	23	5	5	10	2	2	4	...	...	...	...	...	...	...	1	1
North-West . .	5	7	12	4	7	11	7	11	18	6	12	18	15	17	32	6	10	16	12	16	28	19	18	37	13	13	26	4	7	11	...	1	1	2	5	7
Calm . . .	8	14	22	6	8	14	1	3	4	4	7	11	...	2	2	7	4	11	2	...	2	...	2	2	3	2	5	11	2	13	15	19	34	13	14	27
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

52.—BULDANA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	3	9	12	5	15	20	15	3	18	13	7	20	6	4	10	1	1	2	...	1	1	3	...	3	8	4	12	11	7	18	1	...	1	2	3	5
North-East . .	5	7	12	4	1	5	1	1	2	3	3	6	...	...	...	1	1	2	...	...	...	...	...	...	...	4	4	6	4	10	...	3	3	1	1	2
East	3	4	7	6	...	6	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	2	5	1	6	2	...	2
South-East . .	6	...	6	2	...	2	...	...	...	2	...	2	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	6	1	7	5	1	6
South . . .	6	1	7	4	...	4	1	...	1	1	1	2	...	...	...	1	1	2	...	...	...	...	...	...	1	..	1	..	1	1	2	...	2	5	...	5
South-West . .	1	1	2	2	...	2	2	3	5	1	...	1	...	...	...	4	8	12	2	2	4	...	2	2	...	...	...	...	...	...	2	...	2	1	3	4
West . . .	...	1	1	...	4	4	...	7	7	1	4	5	...	2	2	3	1	4	6	6	12	6	4	10	2	2	4	...	...	...	...	...	...	4	1	5
North-West . .	3	7	10	4	8	12	11	16	27	7	12	19	25	25	50	19	16	35	23	22	45	22	25	47	19	19	38	4	2	6	...	1	1	1	4	5
Calm . . .	4	1	5	1	...	1	...	...	...	2	3	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	8	17	25	14	24	38	10	18	28
Variable . . .	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...

53.—AKOLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	4	5	9	3	5	8	2	6	8	1	3	4	4	3	7	1	...	1	...	...	...	...	2	2	2	5	7	2	4	6	...	2	2	1	2	3
North-East . .	6	8	14	5	5	10	3	1	4	2	...	2	...	...	...	...	..	...	...	...	...	...	...	...	1	1	2	3	4	7	10	9	19	3	6	9
East	6	4	10	4	1	5	1	...	1	...	1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	...	...	...	18	15	33	11	5	16
South-East . .	3	2	5	3	...	3	2	1	3	...	1	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	7	5	12
South . . .	2	...	2	1	1	2	...	...	...	1	1	2	...	...	...	..	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
South-West . .	2	...	2	1	2	3	1	2	3	1	1	2	...	...	...	1	1	2	2	2	4	...	2	2	...	...	...	...	...	...	...	...	...	1	1	2
West . . .	1	2	3	1	3	4	3	4	7	7	4	11	...	...	...	2	2	4	8	9	17	3	4	7	1	1	2	...	...	...	...	...	...	...	4	4
North-West . .	3	9	12	5	11	16	19	17	36	16	19	35	27	28	55	24	24	48	21	20	41	28	22	50	24	21	45	15	20	35	...	2	2	5	4	9
Calm . . .	4	1	5	5	...	5	...	...	...	2	...	2	...	...	...	...	1	1	...	...	...	..	...	...	2	1	3	11	3	14	...	1	1	3	4	7
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...

54.—MAKHLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	5	1	6	4	...	4	4	2	6	5	...	5	...	...	...	4	3	7	1	...	1	...	...	...	...	...	...	3	...	3	16	4	20	13	2	15
North-East . .	3	...	3	1	3	4	2	2	4	2	2	4	...	2	2	...	1	1	2	1	3	2	...	2	...	...	...	...	...	...	...	1	1	1	1	2
East	3	6	9	2	6	8	6	10	16	2	4	6	3	9	12	8	5	13	2	1	3	3	5	8	5	7	12	4	...	4	2	2	4	2	4	6
South-East . .	3	3	6	3	4	7	4	2	6	4	6	10	4	3	7	4	8	12	2	9	11	4	6	10	5	6	11	...	13	13	3	5	8	4	6	10
South . . .	3	7	10	3	4	7	4	4	8	5	5	10	13	7	20	3	2	5	1	1	2	3	6	9	6	7	13	6	3	9	1	14	15	6	11	17
South-West . .	4	9	13	4	8	12	5	8	13	4	9	13	7	6	13	5	5	10	13	12	25	9	13	22	6	7	13	8	12	20	1	3	4	2	3	5
West . . .	...	...	...	1	...	1	...	...	...	...	...	...	1	..	1	...	..	...	...	...	...	...	1	1	...	...	...	...	1	1	1	1	2	...	...	...
North-West . .	10	5	15	9	3	12	5	3	8	8	4	12	3	4	7	6	4	10	10	7	17	10	...	10	8	3	11	10	1	11	6	...	6	2	4	6
Calm . . .	...	...	...	1	...	1	1	.	1	...	...	...	.	...	...	...	2	2	...	...	..	...	...	..	...	...	...	..	1	1	..	...	...	1	...	1
Variable . . .	...	...	.	...	..	...	...	...	...	...	...	...	.	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

55.—DEESA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North		Imperfect.		9	3	12	1	1	2	1	...	1	1	...	1	1	1	2	...	1	1	...	...	...	1	...	1	3	6	9	4	7	11	6	5	11
North-East				9	...	9	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	2	1	3	11	4	15	15	...	15
East				2	...	2	1	...	1	...	...	...	...	...	...	1	2	3	1	...	1	...	...	...	...	.	...	4	...	4	12	4	16	2	...	2
South-East				1	...	1	2	...	2	1	...	1	7	1	8	3	5	8	...	...	...	...	1	1	...	2	2	2	...	2	1	4	5	3	2	5
South				2	1	3	1	6	7	4	6	10	8	13	21	14	17	31	17	19	36	13	16	29	1	5	6	1	3	4	...	2	2	1	4	5
South-West				1	7	8	8	14	22	6	15	21	6	7	13	9	2	11	9	8	17	11	8	19	7	11	18	3	5	8	...	2	2	...	4	4
West				1	13	14	10	6	16	10	8	18	3	4	7	1	1	2	...	...	...	5	3	8	17	9	26	5	9	14	...	3	3	1	6	7
North-West				3	4	7	6	4	10	6	...	6	...	1	1	...	1	1	...	...	...	...	...	...	4	3	7	11	7	18	1	3	4	1	8	9
Calm				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

56.—BOMBAY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	3	6	1	2	3	6	...	6	3	2	5	...	...	...	...	...	...	...	...	...	1	...	1	2	...	2	2	3	5	2	1	3	3	3	6
North-East	11	...	11	14	...	14	6	...	6	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	2	...	2	9	...	9	10	...	10	15	...	15
East	17	1	18	11	...	11	9	...	9	2	...	2	...	...	...	1	...	1	...	...	...	1	...	1	3	...	3	10	...	10	16	...	16	11	...	11
South-East	...	...	...	...	...	...	2	...	2	4	...	4	1	...	1	2	...	2	...	...	...	...	...	...	2	...	2	2	...	2	1	...	1	2	...	2
South	...	...	...	...	...	...	1	...	1	8	...	8	5	...	5	9	6	15	...	...	...	...	...	...	3	...	3	2	...	2	1	1	2	...	...	...
South-West	...	...	...	1	...	1	...	...	...	2	1	3	7	4	11	10	15	25	9	11	20	7	6	13	2	1	3	1	...	1	...	1	1	...	...	...
West	...	9	9	...	4	4	1	7	8	4	10	14	8	18	26	7	9	16	21	20	41	21	22	43	11	18	29	...	6	6	...	13	13	...	6	6
North-West	...	18	18	1	22	23	6	2	30	6	17	23	10	9	19	...	...	...	1	...	1	1	3	4	5	11	16	5	22	27	...	14	14	...	22	22
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

57.—POONA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	1	1	2	1	1	2	1	...	1	...	...	...	...	...	...	1	...	1	1	...	1	...	2	2	...	1	1	...	...	...
North-East	1	2	3	3	3	6	2	...	2	5	3	8	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	6	5	11	...	...	...	1	5	6
East	4	5	9	5	2	7	1	...	1	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	3	10	7	7	14	6	6	12
South-East	11	6	17	8	1	9	3	...	3	3	2	5	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	3	...	3	17	8	25	12	6	18
South	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2	...	2
South-West	...	...	...	...	3	3	...	3	3	2	3	5	1	...	1	11	12	23	6	6	12	4	2	6	2	4	6	...	1	1	...	1	1	...	...	...
West	1	1	2	1	8	9	5	12	17	4	5	9	9	10	19	12	13	25	22	24	46	22	24	46	13	15	28	2	3	5	...	1	1	...	4	4
North-West	1	6	7	...	4	4	7	14	21	6	12	18	17	21	38	2	4	6	3	1	4	4	5	9	12	10	22	4	11	15	...	2	2	...	2	2
Calm	13	10	23	11	7	18	12	1	13	8	2	10	2	...	2	3	...	3	...	...	...	...	...	...	2	...	2	9	6	15	4	8	12	10	8	18
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

58.—SHOLAPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	1	1	2	7	3	10	6	1	7	5	3	8	1	1	2	...	...	...	...	1	1	1	1	2	3	5	8	1	1	2	1	...	1
North-East	3	2	5	1	3	4	3	2	5	1	4	5	...	4	4	...	1	1	...	...	...	...	...	...	2	...	2	4	8	12	...	1	1	1	2	3
East	13	10	23	7	6	13	1	1	2	3	7	10	1	3	4	...	1	1	...	...	...	...	...	...	...	1	1	8	9	17	19	18	37	10	5	15
South-East	11	8	19	7	3	10	2	2	4	2	3	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	9	6	15	15	17	32
South	...	...	...	5	2	7	...	1	1	2	2	4	...	...	...	2	2	4	...	...	...	...	...	...	...	2	2	...	...	...	1	...	1	4	5	9
South-West	...	1	1	2	4	6	1	4	5	5	2	7	1	5	6	12	13	25	23	27	50	8	8	16	...	1	1	2	1	3	...	1	1	...	2	2
West	2	2	4	2	6	8	7	9	16	4	5	9	11	8	19	15	12	27	8	4	12	17	17	34	18	20	38	5	3	8	...	1	1	...	...	...
North-West	1	7	8	3	3	6	3	2	5	7	6	13	13	8	21	..	...	...	...	...	...	6	5	11	9	5	14	8	4	12	...	2	2	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

59.—RATNAGIRI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	11	12	3	13	16	23	24	47	4	5	9	6	10	16	...	1	1	...	...	...	2	1	3	5	4	9	6	10	16	...	3	3	4	6	10
North-East	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	1	...	1
East	17	...	17	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	6	7	...	7	8	...	8
South-East	3	...	3	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2	2	...	2	2	...	2
South	7	...	7	15	...	15	4	1	5	9	...	9	4	2	6	6	3	9	...	...	...	...	...	...	...	...	...	2	...	2	10	1	11	8	...	8
South-West	1	...	1	2	...	2	...	...	...	8	6	14	6	5	11	14	16	30	16	12	28	4	3	7	5	1	6	3	...	3	5	3	8	2	1	3
West	...	2	2	1	1	2	2	...	2	6	8	14	8	5	13	7	7	14	15	17	32	21	15	36	12	9	21	5	10	15	5	11	16	3	4	7
North-West	1	18	19	2	14	16	1	6	7	3	11	14	7	9	16	2	3	5	...	2	2	4	12	16	8	16	24	4	11	15	1	12	13	3	20	23
Calm	...	...	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
Variable	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...

60.—KARWAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	..	...	...	...	...	...	...	...	...	1	...	1	4	5	9	3	3	6	1	2	3	7	1	8	...	...	...	...	...	...	1	...	1
North-East	25	...	25	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	12	2	14	18	...	18
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	.	...	...	...	...	..	...	...	...	...	...	...	...	1	1	1	...	1	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	...	...	...	..
South-West	...	...	...	...	1	1	2	1	3	12	7	19	8	7	15	20	20	40	18	21	39	6	7	13	5	5	10	2	2	4	5	4	9	...	...	...
West	4	15	19	20	21	41	16	10	26	16	17	33	7	3	10	4	2	6	9	6	15	14	10	24	10	12	22	21	13	34	4	14	18	4	12	16
North-West	2	16	18	6	6	12	12	20	32	2	6	8	15	21	36	...	1	1	...	...	...	9	10	19	7	12	19	8	14	22	7	10	17	8	18	26
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	...	1	1	...	...	...	...	...	...	...	2	2	2	..	2	...	1	1
Variable	...	...	...	.	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

61.—BELGAUM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	3	5	2	2	4	3	...	3	5	4	9	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	7	7	14	...	1	1	3	...	3
North-East . .	4	7	11	2	4	6	1	1	2	2	5	7	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	6	9	3	9	12	4	5	9
East . . .	11	8	19	5	4	9	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	6	13	12	25	12	13	25
South-East . .	6	2	8	8	3	11	3	...	3	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	8	3	11	8	6	14
South . . .	...	...	...	4	5	9	2	...	2	1	2	3	...	...	...	7	9	16	5	6	11	2	3	5	...	3	3	...	3	3	2	2	4	1	4	5
South-West . .	...	1	1	2	5	7	1	7	8	4	4	8	4	6	10	14	15	29	20	20	40	16	19	35	9	15	24	3	4	7	1	1	2	...	2	2
West . . .	1	1	2	2	3	5	1	5	6	3	4	7	7	9	16	4	1	5	6	5	11	11	9	20	15	10	25	5	4	9	...	...	...	1	1	2
North-West . .	1	3	4	3	2	5	2	...	2	2	2	4	4	2	6	...	...	...	...	...	...	2	...	2	5	1	6	6	3	9	...	...	...	2	...	2
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

62.—SECUNDERABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	4	5	...	3	3	2	2	4	1	3	4	3	9	12	...	2	2	..	1	1	...	...	...	Not recorded.			3	5	8	...	...	...	...	...	...
North-East . .	8	7	15	...	9	9	2	...	2	2	5	7	2	3	5	...	...	...	...	...	...	...	1	1				12	10	22	11	13	24	8	11	19
East . . .	7	10	17	5	7	12	2	3	5	2	5	7	...	3	3	...	...	...	...	...	...	...	...	...				6	5	11	16	15	31	15	13	28
South-East . .	8	3	11	15	6	21	5	7	12	4	5	9	1	2	3	...	...	...	...	...	...	...	...	...				...	...	...	...	1	1	3	2	5
South . . .	1	...	1	2	1	3	3	4	7	3	2	5	2	1	3	...	2	2	...	...	...	...	...	...				...	...	...	1	...	1	3	1	4
South-West . .	2	1	3	3	..	3	4	8	12	5	4	9	4	...	4	6	7	13	6	11	17	...	2	2				...	1	1	2	...	2	1	1	2
West . . .	2	3	5	2	1	3	3	3	6	6	3	9	9	6	15	22	17	39	25	18	43	9	5	14				3	...	3	...	...	...	...	...	...
North-West . .	2	3	5	...	1	1	9	4	13	7	3	10	10	7	17	4	2	6	...	1	1	4	5	9				7	10	17	...	1	1	1	2	3
Calm . . .	...	...	...	1	...	1	1	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	..	...	...	1	1
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...	...	...	...

63.—VIZAGAPATAM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	7	4	11	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	1	1	7	7	14	17	10	27	6	1	7
North-East . .	2	11	13	...	3	3	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	1	3	2	3	5	6	8	14	6	10	16	8	8	16
East . . .	...	5	5	...	1	1	...	1	1	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	1	1	2	...	4	4	1	5	6	...	5	5
South-East . .	...	4	4	4	5	9	2	2	4	1	...	1	2	2	4	...	1	1	...	...	...	...	1	1	3	2	5	...	...	...	...	...	...	...	2	2
South . . .	...	7	7	2	17	19	8	14	22	7	14	21	15	17	32	6	10	16	2	2	4	1	4	5	3	10	13	1	4	5	1	...	1	...	4	4
South-West . .	...	...	...	2	2	4	13	12	25	16	12	28	9	9	18	15	11	26	16	22	38	11	12	23	2	8	10	3	3	6	...	2	2	5	8	13
West . . .	18	...	18	14	...	14	7	2	9	5	3	8	5	2	7	9	7	16	12	7	19	13	8	21	13	4	17	10	5	15	1	1	2	10	1	11
North-West . .	4	...	4	3	...	3	1	...	1	...	...	...	...	...	...	...	1	1	1	...	1	3	4	7	6	1	7	4	...	4	4	2	6	2	2	4
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

64.—BELLARY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	2	2	...	...	...	7	...	7	1	1	2	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	1	4	5	1	1	2	...	...	...
North-East . .	...	4	4	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	...	1	1	...	1	1
East	4	11	15	...	15	15	2	8	10	...	8	8	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	4	6	2	5	7	2	9	11
South-East . .	7	1	8	14	2	16	2	3	5	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	13	3	16
South . . .	...	...	...	4	1	5	3	2	5	4	5	9	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
South-West . .	...	...	...	...	...	...	2	...	2	3	1	4	2	4	6	3	6	9	2	4	6	1	1	2	...	...	...	1	...	1	...	...	...	...	...	...
West . . .	...	...	...	...	...	...	...	4	4	3	...	3	11	18	29	18	18	36	25	23	48	25	26	51	17	18	35	4	1	5	...	...	...	...	...	...
North-West . .	2	1	3	1	...	1	7	2	9	7	4	11	10	9	19	5	1	6	3	2	5	3	2	5	11	6	17	6	1	7	...		...	...	..	...
Calm . . .	18	12	30	9	8	17	8	12	20	10	10	20	6	7	13	4	5	9	1	2	3	2	2	4	2	6	8	15	19	34	24	23	47	14	18	32
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...

65.—MADRAS (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.
North . . .	8	5	13	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	9	5	14	15	11	26	6	4	10
North-East . .	17	20	37	13	11	24	...	...	...	1	...	1	...	...	...	...	..	...	...	...	...	...	1	1	...	...	...	3	10	13	8	13	21	17	19	36
East	4	3	7	8	11	19	3	4	7	1	3	4	...	...	..	...	..	...	...	1	1	...	1	1	...	1	1	2	4	6	2	3	5	6	7	13
South-East . .	1	2	3	4	5	9	15	21	36	13	22	35	2	21	23	...	6	6	...	1	1	...	6	6	...	5	5	1	4	5	1	1	2	1	1	2
South . . .	1	1	2	1	...	1	12	6	18	12	5	17	13	8	21	3	15	18	1	13	14	2	6	8	1	9	10	2	1	3	1	1	2	...	...	...
South-West . .	...	...	...	...	...	...	1	...	1	3	...	3	11	1	12	15	7	22	19	12	31	15	6	21	17	8	25	7	4	11	1	...	1	...	...	...
West . . .	...	...	...	...	...	...	...	...	..	...	...	...	5	1	6	12	2	14	10	3	13	12	6	18	10	5	15	4	1	5	1	...	1	...	...	...
North-West . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	4	5	2	2	4	3	2	5	1	1	2	1	...	1
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..

66.—SALEM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	1	2	1	...	1	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2	1	...	1
North-East . .	9	11	29	9	9	18	3	10	13	7	10	17	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	12	11	23	13	11	24
East	10	10	20	6	10	16	8	5	13	5	7	12	..	3	3	...	...	...	...	...	...	...	...	...	...	2	2	1	1	2	11	11	22	14	17	31
South-East . .	4	6	10	5	6	11	2	3	5	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	1	2	...	1	1	3	6	9	2	3	5
South . . .	...	1	1	...	1	1	...	2	2	5	1	6	5	4	9	1	1	2	...	...	...	3	2	5	2	1	3	...	...	...	...	...	...	...	...	...
South-West . .	2	2	4	5	...	5	15	9	24	8	7	15	15	17	32	19	15	34	18	12	30	18	9	27	7	15	22	17	11	28	2	...	2	...	...	...
West . . .	4	...	4	1	...	1	2	1	3	4	2	6	7	...	7	10	13	23	13	19	32	10	19	29	18	9	27	7	14	21	...	...	...	...	...	...
North-West . .	1	...	1	1	2	3	1	1	2	1	1	2	4	3	7	...	1	1	...	...	...	...	1	1	2	2	4	2	1	3	1	1	2	1	...	1
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	1	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

67.—MERCARA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	1	...	1	...	2	2	8	4	12	2	1	3	1	...	1	...	...	...	...	1	1	1	1	2	1	...	1	6	3	9	2	1	3	...	...	..
North-East . .	5	12	17	4	6	10	3	6	9	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	6	10	10	20	8	10	18
East . . .	22	15	37	22	19	41	3	1	4	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	8	16	17	33	22	20	42
South-East . .	1	1	2	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South . . .	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West . .	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...
West . . .	...	...	...	...	...	...	3	5	8	1	5	6	14	8	22	15	18	33	22	22	44	21	19	40	14	15	29	6	2	8	1	1	2	...	...	...
North-West . .	2	3	5	...	...	...	14	15	29	24	21	45	16	21	37	11	9	20	9	8	17	9	11	20	15	15	30	12	19	31	1	...	1	1	1	2
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

68.—TRICHINOPOLY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	7	2	9	4	2	6	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	2	4	1	2	3	1	...	1	2	2	4	4	1	5
North-East . .	16	19	35	17	14	31	10	8	18	3	7	10	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	4	8	12	20	19	39	22	12	34
East . . .	3	7	10	5	11	16	6	8	14	5	7	12	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	3	3	...	4	4	3	14	17
South-East . .	...	1	1	1	1	2	6	11	17	6	7	13	...	...	...	1	1	2	...	...	...	...	1	1	...	1	1	...	3	3	...	1	1	...	4	4
South . . .	...	...	...	...	...	...	3	4	7	1	5	6	...	...	...	...	2	2	...	3	3	...	2	2	...	1	1	...	3	3	...	...	...	...	...	...
South-West . .	...	...	...	...	...	...	4	...	4	5	1	6	3	4	7	...	5	5	7	7	14	5	3	8	1	2	3	6	1	7	1	...	1	...	...	...
West . . .	1	1	2	...	...	...	2	...	2	4	2	6	22	13	35	23	16	39	18	14	32	15	12	27	17	9	26	9	6	15	...	...	...	...	...	...
North-West . .	2	1	3	...	...	...	...	...	...	5	1	6	5	13	18	6	6	12	6	6	12	7	10	17	11	15	26	4	4	8	3	...	3	2	...	2
Calm . . .	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	...	...	...	7	3	10	4	4	8	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

69.—COCHIN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	4	...	4	1	...	1	1	...	1	1	1	2	1	...	1	...	...	...	...	1	1	1	...	1	1	1	2	1	2	3	2	...	2	2	...	2
North-East . .	5	...	5	3	...	3	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	2	...	2	5	...	5
East . . .	3	...	3	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	6	...	6
South-East . .	1	...	1	...	...	...	2	...	2	1	...	1	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2	1	3	1	...	1	2	...	2
South . . .	...	...	...	...	...	...	...	...	...	1	...	1	3	1	4	...	...	...	2	...	2	...	...	...	...	...	...	...	2	2	...	...	...	...	1	1
South-West . .	...	18	18	...	20	20	2	12	14	2	10	12	2	4	6	1	6	7	2	...	2	2	3	5	3	5	8	8	12	20	2	11	13	1	15	16
West . . .	...	7	7	1	3	4	1	7	8	...	6	6	3	5	8	1	3	4	1	3	4	4	5	9	3	7	10	2	2	4	...	8	8	1	9	10
Nort-West . .	3	5	8	9	4	13	11	10	21	12	7	19	14	16	30	4	7	11	5	6	11	9	13	22	19	17	36	8	7	15	2	2	4	...	2	2
Calm . . .	15	1	16	13	1	14	12	2	14	11	6	17	8	5	13	22	14	36	21	21	42	15	10	25	3	...	3	8	5	13	20	9	29	14	4	18
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

70.—WELLINGTON (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	4	3	7	2	...	2	1	...	1	2	...	2	4	8	12	...	1	1	...	...	...	...	...	...	4	3	7	6	8	14	3	1	4	1	1	2
North-East . .	4	3	7	5	2	7	2	3	5	2	4	6	3	...	3	...	1	1	...	...	...	...	...	...	1	1	2	5	5	10	1	...	1	3	1	4
East . . .	5	2	7	6	5	11	4	2	6	5	3	8	3	...	3	...	...	...	...	...	...	...	1	1	...	...	...	1	3	4	1	3	4	7	5	12
South-East . .	11	12	23	14	16	30	6	11	17	11	14	25	4	5	9	2	1	3	1	...	1	6	3	9	3	1	4	5	3	8	13	8	21	7	9	16
South . . .	4	7	11	1	5	6	3	3	6	4	7	11	6	4	10	3	3	6	1	1	2	7	6	13	9	6	15	5	4	9	5	6	11	7	8	15
South-West . .	1	...	1	...	...	...	...	1	1	1	...	1	2	1	3	6	8	14	15	10	25	7	5	12	8	3	11	...	1	1	3	2	5	2	3	5
West . . .	...	...	...	...	...	...	...	...	...	...	...	...	3	4	7	17	14	31	12	15	27	7	8	15	2	4	6	...	...	...	2	1	3	...	...	...
North-West . .	...	1	1	...	...	...	...	...	...	...	...	...	2	9	11	1	1	2	1	1	2	1	3	4	3	6	9	4	4	8	2	...	2	...	...	...
Calm . . .	2	3	5	...	...	...	15	11	26	5	2	7	4	...	4	1	1	2	1	4	5	3	5	8	...	6	6	5	3	8	...	9	9	4	4	8
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

71.—AKYAB (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	...	2	3	...	3	...	...	...	3	...	3	2	2	4	1	...	1	...	...	...	...	...	...	2	1	3	2	4	6	7	1	8	13	2	15
North-East . .	25	...	25	20	...	20	9	...	9	5	...	5	4	...	4	4	...	4	...	...	...	2	1	3	3	...	3	15	1	16	15	2	17	17	...	17
East . . .	3	...	3	5	...	5	7	...	7	9	...	9	4	4	8	3	1	4	2	...	2	3	1	4	10	...	10	7	...	7	3	...	3	...	...	...
South-East . .	1	1	2	...	...	...	9	1	10	1	1	2	4	...	4	5	1	6	4	...	4	7	1	8	7	1	8	5	1	6	2	...	2	...	...	...
South . . .	...	1	1	...	...	...	2	2	4	2	...	2	10	2	12	8	9	17	19	17	36	18	16	34	7	10	17	2	4	6	...	1	1	...	1	1
South-West . .	...	3	3	...	...	...	2	4	6	7	5	12	3	8	11	6	19	25	6	10	16	1	10	11	1	12	13	...	5	5	...	2	2	...	1	1
West . . .	...	6	6	...	10	10	2	14	16	2	19	21	2	10	12	2	...	2	...	3	3	...	2	2	...	5	5	...	2	2	...	5	5	...	3	3
North-West . .	...	20	20	...	18	18	...	10	10	1	5	6	2	5	7	1	...	1	...	1	1	...	...	...	...	1	1	...	14	14	3	19	22	1	24	25
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

72.—DIAMOND ISLAND (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	12	11	23	12	12	24	6	4	10	2	1	3	1	1	2	1	...	1	...	...	...	...	...	...	1	1	2	1	1	2	7	7	14	16	12	28
North-East . .	8	3	11	4	...	4	...	...	...	1	...	1	3	1	4	...	...	...	...	...	...	...	...	...	1	...	1	3	2	5	9	6	15	10	6	16
East . . .	1	1	2	...	...	...	...	...	...	...	1	1	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	8	5	13	5	4	9	1	1	2
South-East . .	2	4	6	...	3	3	...	...	...	...	1	1	3	3	6	3	1	4	...	...	...	1	2	3	3	4	7	9	9	18	3	5	8	...	...	...
South . . .	...	2	2	...	...	...	...	...	...	...	...	...	2	1	3	12	11	23	5	6	11	12	11	23	4	4	8	2	4	6	1	2	3	...	...	...
South-West . .	...	...	...	...	...	...	...	1	1	...	...	...	8	8	16	11	14	25	19	17	36	11	10	21	8	9	17	...	1	1	...	...	...	...	...	...
West . . .	...	...	...	...	...	...	6	6	12	9	10	19	4	5	9	1	2	3	3	4	7	5	5	10	5	5	10	2	3	5	1	1	2	...	...	...
North-West . .	8	10	18	11	13	24	19	20	39	18	17	35	6	8	14	2	1	3	...	...	...	...	...	...	2	2	4	1	2	3	2	3	5	4	10	14
Calm . . .	...	...	...	1	...	1	...	...	...	...	...	...	3	3	6	...	1	1	4	4	8	2	3	5	5	5	10	5	4	9	2	2	4	...	2	2
Variable . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

73.—RANGOON (*2 observations daily*).

	January.			February			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	5	6	11	...	...	...	2	2	4	1	...	1	...	...	...	...	...	...	...	1	1	...	1	1	1	...	1	1	...	1	5	1	6	5	6	11
North-East . .	11	6	17	4	2	6	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2	...	2	6	1	7	15	9	24	20	9	29
East	6	6	12	3	2	5	...	...	...	...	2	2	2	1	3	1	...	1	...	...	...	1	...	1	3	...	3	9	3	12	6	6	12	4	2	6
South-East . .	4	7	11	6	8	14	4	12	16	3	13	16	3	7	10	3	1	4	3	...	3	1	1	2	4	3	7	6	6	12	3	4	7	...	...	...
South . . .	4	4	8	8	7	15	9	8	17	8	11	19	10	10	20	15	11	26	9	7	16	13	7	20	9	10	19	3	12	15	1	6	7	...	1	1
South-West . .	...	1	1	4	4	8	13	5	18	13	3	16	11	7	18	9	15	24	13	16	29	12	13	25	8	13	21	3	5	8	...	2	2	...	2	2
West . . .	...	...	...	2	3	5	1	1	2	3	1	4	1	2	3	2	3	5	5	7	12	4	7	11	3	3	6	1	2	3	...	1	1	1	6	7
North-West . .	1	...	1	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	2	2	4	...	1	1	1	4	5
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

74.—MERGUI (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	10	13	23	10	10	20	10	13	23	10	11	21	1	1	2	...	1	1	4	2	6	3	2	5	2	3	5	6	6	12	12	11	23	13	17	30
North-East . .	6	5	11	3	1	4	1	...	1	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	2	7	5	12	6	4	10
East	6	4	10	1	1	2	1	...	1	4	3	7	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	5	3	8	8	9	17	2	2	4
South-East . .	2	2	4	1	1	2	2	...	2	2	...	2	5	2	7	...	...	...	...	...	...	...	...	...	1	1	2	3	3	6	2	2	4	1	...	1
South . . .	1	1	2	2	2	4	4	1	5	...	1	1	12	13	25	8	7	15	3	5	8	7	6	13	6	6	12	3	3	6	...	1	1	...	...	...
South-West . .	1	1	2	1	1	2	1	2	3	1	1	2	5	9	14	7	9	16	4	5	9	7	6	13	7	6	13	4	6	10	...	...	...	...	...	...
West. . . .	1	1	2	1	2	3	2	2	4	3	4	7	5	4	9	10	8	18	12	11	23	6	9	15	8	11	19	7	6	13	...	...	...	2	1	3
North-West . .	4	4	8	9	10	19	10	13	23	8	8	16	2	2	4	5	5	10	8	8	16	8	8	16	4	3	7	3	2	5	1	2	3	7	7	14
Calm . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

75.—COCO'S ISLAND (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	18	18	36	16	15	31	19	16	35	3	2	5	3	2	5	...	...	...	...	...	...	...	...	...	1	2	3	3	1	4	16	12	28	22	19	41
North-East . .	7	4	11	8	6	14	...	...	...	4	6	10	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	4	1	5	4	5	9	4	5	9
East	1	3	4	...	...	...	...	...	...	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	3	5	3	1	4	...	1	1
South-East . .	2	3	5	...	...	...	...	...	...	...	3	3	1	2	3	1	...	1	...	...	...	...	1	1	...	...	...	9	10	19	5	8	13	...	...	...
South . . .	1	...	1	1	...	1	...	...	...	3	1	4	7	4	11	14	10	24	10	9	19	11	8	19	7	5	12	3	6	9	...	...	...	...	...	...
South-West . .	...	1	1	...	...	...	2	...	2	5	2	7	13	14	27	12	17	29	19	21	40	18	19	37	16	14	30	5	4	9	1	...	1	...	...	...
West . . .	...	...	...	...	...	...	4	4	8	2	3	5	3	5	8	3	3	6	1	...	1	2	3	5	2	5	7	3	4	7	...	1	1	...	...	...
North-West . .	...	1	1	2	5	7	6	10	16	10	10	20	3	2	5	...	...	...	...	...	...	...	...	...	2	2	4	2	2	4	1	3	4	5	6	11
Calm . . .	2	1	3	1	2	3	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WIND IN 1890.

76.—PORT BLAIR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	6	9	15	3	2	5	4	...	4	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	10	7	17
North-East . .	10	10	20	12	7	19	11	11	22	4	4	8	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	5	3	8	14	16	30
East	...	...	...	1	6	7	3	5	8	5	3	8	...	...	...	...		...	...	...	...	...	...	...	...	...	...	1	1	2	6	4	10	1	2	3
South-East . .	9	9	18	8	9	17	7	13	20	10	11	21	5	2	7	5	...	5	...	...	...	3	1	4	...	...	...	10	10	20	12	15	27	2	3	5
South . . .	3	3	6	1	1	2	....	1	1	5	4	9	5	2	7	5	4	9	5	3	8	6	2	8	2	...	2	2	3	5	1	1	2	...	...	....
South-West . .	...	...	...	...	...	...	...	...	...	...	1	1	10	13	23	14	20	34	17	21	38	12	12	24	13	14	27	8	7	15	1	1	2	...	...	...
West . . .	...	...	...	1	...	1	...	1	1	3	4	7	7	9	16	4	4	8	7	5	12	7	12	19	11	14	25	7	8	15	...	1	1	...	1	1
North-West . .	2	...	2	1	1	2	1	...	1	2	2	4	3	3	6	1	2	3	1	1	2	1	2	3	1	1	2	...	...	...	...	...	...	3	...	3
Calm . . .	...	...	...	1	2	3	5	...	5	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	1	1	...	2	2
Variable . . .	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

77.—QUETTA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	2	3	5	2	2	4	1	2	3	1	1	2	1	4	5	1	2	3	1	1	2	...	2	2	...	3	3	...	1	1	...	1	1	...	1	1
North-East . .	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
East	...	...	...	...	...	...	...	1	1	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
South-East . .	2	1	3	...	1	1	2	...	2	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
South . . .	2	2	4	2	...	2	2	2	4	3	3	6	...	1	1	1	3	4	3	2	5	2	2	4	...	...	...	...	1	1	2	2	4	4	2	6
South-West . .	2	3	5	1	2	3	1	2	3	2	2	4	...	...	...	2	4	6	4	3	7	1	2	3	...	...	...	...	...	...	...	4	4	2	2	4
West . . .	3	8	11	2	10	12	3	8	11	3	5	8	4	9	13	2	8	10	3	7	10	1	10	11	3	11	14	4	7	11	...	5	5	...	3	3
North-West . .	4	9	13	3	10	13	3	10	13	2	8	10	7	15	22	1	8	9	1	8	9	2	11	13	5	14	19	4	12	16	1	5	6	...	3	3
Calm . . .	16	5	21	17	3	20	19	5	24	18	7	25	18	2	20	23	5	28	19	9	28	25	4	29	22	2	24	23	10	33	26	13	39	24	19	43
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

78.—LEH (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	...	...	...	1	1	1	...	1	1	...	1	1	3	4	...	...	...	1	2	3	1	1	2	1	...	1	...	...	...	1	...	1
North-East . .	1	...	1	...	...	...	...	1	1	1	...	1	...	5	5	1	4	5	2	...	2	3	...	3	...	...	...	...	1	1	...	2	2	...	...	...
East	...	...	...	...	...	...	...	1	1	2	1	3	1	3	4	...	5	5	2	...	2	1	1	2	1	1	2	1	...	1	5	...	5	...	1	1
South-East . .	2	...	2	5	...	5	1	...	1	1	1	2	1	...	1	1	...	1	1	1	2	1	1	2	2	2	4	1	...	1	4	...	4	...	2	2
South . . .	6	3	9	8	3	11	6	3	9	5	5	10	7	2	9	6	1	7	3	2	5	4	...	4	6	2	8	5	3	8	10	...	10	4	3	7
South-West . .	5	16	21	9	11	20	16	9	25	14	6	20	10	4	14	11	2	13	11	4	15	8	14	22	12	8	20	18	12	30	5	19	24	10	16	26
West . . .	2	9	11	1	11	12	7	8	15	5	10	15	7	11	18	6	9	15	5	18	23	4	9	13	3	11	14	3	12	15	2	9	11	2	6	8
North-West . . .	...	2	2	2	3	5	...	8	8	1	7	8	3	6	9	2	6	8	...	6	6	4	4	8	2	5	7	...	3	3	...	...	...	1	...	1
Calm . . .	15	1	16	3	...	3	1	...	1	...	...	...	1	...	1	2	...	2	7	...	7	5	...	5	3	...	3	2	...	2	4	...	4	13	3	16
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII.—DIRECTION AND FREQUENCY OF WINDS IN 1890.

79.—KATMANDU (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	4	6	10	1	5	6	5	3	8	2	3	5	...	1	1	...	1	1	4	3	7	...	8	8	...	1	1	1	2	3	...	11	11	1	13	14
North-East . .	5	1	6	5	...	5	5	1	6	3	...	3	1	...	1	1	2	3	3	1	4	1	...	1	...	...	...	...	...	...	2	...	2	2	1	3
East	1	...	1	1	...	1	2	...	2	1	2	3	1	1	2	3	...	3	12	8	20	11	4	15	10	7	17	16	1	17	8	1	9	4	...	4
South-East . .	1	...	1	2	...	2	3	...	3	1	1	2	5	2	7	6	4	10	2	2	4	1	...	1	2	...	2	1	...	1	...	...	...	1	...	1
South . . .	...	...	...	1	...	1	...	...	...	3	1	4	1	2	3	1	2	3	1	2	3	...	1	1	...	...	...	1	...	1	...	...	...	...	...	...
South-West . .	...	...	...	2	1	3	1	3	4	4	4	8	9	6	15	1	2	3	1	1	2	2	...	2	...	...	...	...	...	...	1	...	1	...	...	...
West . . .	7	11	18	10	8	18	6	15	21	10	10	20	6	10	16	10	4	14	1	3	4	4	6	10	9	15	24	5	17	22	...	5	5	1	5	6
North-West . .	12	13	25	6	14	20	9	9	18	3	9	12	7	9	16	4	13	17	4	7	11	1	3	4	1	3	4	...	7	7	...	10	10	...	11	11
Calm . . .	1	...	1	...	...	...	...	...	...	3	...	3	1	...	1	4	2	6	3	4	7	11	9	20	8	4	12	7	4	11	19	3	22	22	1	23
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

80.—ADEN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
North-East . .	6	1	7	8	4	12	10	5	15	8	3	11	7	2	9	1	...	1	...	...	...	1	...	1	1	1	2	5	4	9	8	2	10	8	3	11
East	21	7	28	19	14	33	18	14	32	16	15	31	12	5	17	3	...	3	1	1	2	3	1	4	5	1	6	20	9	29	19	11	30	16	12	28
South-East . .	1	10	11	1	6	7	...	3	3	2	3	5	1	8	9	1	9	10	2	10	12	1	12	13	1	3	4	1	5	6	...	4	4	1	11	12
South . . .	...	4	4	...	2	2	...	2	2	...	2	2	1	3	4	10	18	28	12	12	24	5	11	16	2	13	15	1	8	9	...	6	6	1	5	6
South-West . .	...	...	...	...	...	...	1	...	1	1	1	2	2	6	8	11	3	14	12	6	18	12	5	17	7	12	19	1	4	5	...	2	2	...	...	...
West . . .	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	1	1	...	...	...
North-West . .	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...
Calm . . .	3	9	12	...	2	2	1	7	8	2	3	5	6	7	13	4	...	4	4	1	5	8	1	9	13	...	13	3	1	4	2	...	2	2	...	2
Variable . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

81.—ZANZIBAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North . . .	13	2	15	10	...	10	Not recorded.																													
North-East . .	9	14	23	6	9	15																														
East	1	12	13	1	9	10																														
South-East . .	...	2	2	1	4	5																														
South . . .	...	1	1	...	5	5																														
South-West . .	4	...	4	4	1	5																														
West . . .	2	...	2	2	...	2																														
North-West . .	1	...	1	4	...	4																														
Calm . . .	...	...	...	...	...	...																														
Variable . . .	...	...	...	...	...	...																														

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890. (81 STATIONS).

1. MURREE. 2. CHAMBA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	36·2	32·1	37·4	39·0	6·9	8·3	7·0	10·3	9·4	44·1	39·0	44·4	49·0	10·0	9·1	5·2	8·8	12·8
February . .	35·6	30·8	37·4	38·6	7·8	7·8	6·6	9·1	9·6	46·3	41·7	46·7	50·4	8·7	8·5	4·8	7·9	14·2
March . . .	39·5*	34·8*	41·2*	42·4†	7·6	8·1	6·2	8·7	8·8	49·1	44·3	50·3	52·7	8·4	10·3	4·8	10·2	16·2
April . . .	Untrustworthy.		48·9	51·5	14·3	Untrustworthy.		11·2	11·4	56·6	52·3	58·3	59·2	6·9	15·3	6·8	15·6	21·6
May . . .			53·8	55·1	15·1			16·6	18·6	59·8	55·2	61·3	62·9	7·7	19·2	10·1	20·1	26·9
June . . .			62·1	64·9	30·6			12·8	14·7	66·7	62·7	68·0	69·2	6·5	14·9	8·7	18·3	21·8
July . .			64·5	67·5	42·7			3·1	3·4	72·7	70·0	73·5	74·6	4·6	4·5	1·7	5·8	7·7
August . . .			62·9	65·1	51·6			3·4	3·0	71·2	68·0	72·2	73·3	5·3	3·5	1·5	4·4	6·1
September . .			59·0	60·8	16·3			9·6	9·6	66·2*	61·3*	66·8	70·2	8·9	6·5	2·7	8·5	11·6
October . . .			49·3	50·8	7·1			11·9	12·0	56·2	50·4	57·5	60·6	10·2	8·5	4·0	10·5	14·6
November . .			42·2	43·5	17·5			10·1	8·8	49·3	44·3	50·6	53·0	8·7	7·1	4·3	8·7	11·7
December . .			36·2	37·7	9·5			4·8	3·8	46·1	42·1	46·7	49·5	7·4	2·9	2·2	4·5	6·3
Year . . .	?	?	49·6	51·4	18·1	?	?	9·3	9·4	57·0	52·6	58·0	60·4	7·8	9·2	4·7	10·3	14·3

* Mean of 29 days. † Mean of 30 days.

3. KAILANG. 4. SIMLA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	24·5	18·2	25·4	29·8	11·6	4·3	1·3	6·0	8·5	37·5*	33·0	39·1	40·5*	7·5	8·4	7·6	10·9	9·9
February . .	24·4	17·6	26·7	29·1	11·5	1·3	1·0	3·1	4·8	37·5†	33·4†	38·2	41·0	7·6	8·6	7·3	9·8	10·2
March . . .	25·7	18·0	29·1	29·9	11·9	1·3	1·0	3·7	5·0	40·3‡	35·8§	41·4	43·6‖	7·8	8·3	6·1	9·4	9·8
April . . .	37·6	30·3	40·2	42·3	12·0	3·8	2·0	5·8	5·8	48·7‖	44·2	49·9	52·1‖	7·9	11·8	8·7	13·4	14·5
May . . .	40·9	35·5	43·2	44·0	8·5	7·6	3·1	10·7	12·0	52·2§	47·3*	53·6*	55·5*	8·2	15·4	11·1	15·6	17·9
June . . .	47·9	41·9	50·6	51·2	9·3	9·2	3·1	12·4	17·2	58·6	54·3	60·3	61·2	6·9	9·4	6·7	9·1	11·0
July . . .	55·5	51·0	58·4	57·2	6·2	6·3	2·3	8·5	11·2	61·9*	59·1	62·5	64·0*	4·9	2·0	1·2	2·0	2·0
August . . .	54·6	49·0	57·5	57·4	8·4	5·5	1·9	8·3	9·2	60·6	57·7	61·1	63·1	5·4	1·6	0·9	1·9	1·1
September . .	44·9	38·2	48·2	48·2	10·0	7·8	2·4	11·1	14·5	56·1§	51·5	56·9‖	59·7§	8·2	4·9	4·0	6·5	5·9
October . . .	35·7	28·4	40·1	38·6	10·2	7·4	3·0	11·8	14·9	47·4	42·5	48·4	51·3	8·8	9·0	7·1	10·2	10·5
November . .	29·1	24·0	30·1	33·3	9·3	5·6	2·3	5·4	10·9	41·4	36·0	42·9	45·3	9·3	9·7	8·6	11·5	10·5
December . .	22·9	18·2	24·7	25·4	7·2	1·7	2·0	4·4	5·1	37·8‖	32·9‖	39·7	40·9	8·0	6·2	5·9	8·7	6·9
Year . . .	37·0	30·9	39·5	40·5	9·7	5·2	2·1	7·6	9·9	48·3	44·6	49·5	51·5	7·5	7·9	6·3	8·3	9·2

* Mean of 30 days. § Mean of 28 days.
† „ „ 27 „ ‖ „ „ 29 „
‡ „ „ 26 „

5. PESHAWAR. 6. LAHORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January	46.2	37.4	48.2	53.1	15.7	6.6	3.4	7.7	12.7	49.4	40.0	52.2	57.0	17.0	7.1	1.3	8.4	13.9
February	47.0	38.7	49.7	52.5	13.8	9.3	5.2	11.6	16.3	50.5	41.1	53.5	56.8	15.7	9.6	2.6	11.0	17.4
March	53.0	45.7	55.9	57.4	11.7	9.0	4.4	11.7	15.8	57.9	49.9	60.8	62.6	12.7	10.1	3.4	11.6	17.2
April	62.4	56.7	64.5	65.9	9.2	11.6	5.6	13.1	17.6	65.0	58.1	67.7	68.9	10.8	16.0	7.4	20.2	23.7
May	65.8	59.7	68.5	69.1	9.4	18.1	10.1	21.6	26.6	68.8	62.4	71.2	72.4	10.0	20.9	11.1	24.9	29.9
June	70.9	66.2	73.0	73.7	7.5	21.1	13.2	24.5	30.3	76.5	72.1	77.3	77.9	5.8	15.6	9.5	16.9	23.2
July	77.5	74.2	79.1	79.2	5.0	12.1	5.6	12.7	19.7	79.9	76.4	80.3	81.5	5.1	6.2	2.9	7.3	9.9
August	75.9	72.4	77.1	78.0	5.6	8.5	3.3	8.7	14.4	77.8	74.4	78.4	79.5	5.1	5.6	2.1	7.2	9.7
September	68.5	62.7	70.9	72.0	9.3	14.5	7.1	16.3	23.4	72.8	67.7	75.6	75.6	7.9	12.0	4.2	14.2	20.8
October	59.2	51.0	62.1	64.3	13.3	11.7	5.9	14.9	20.2	62.7	55.9	65.6	68.1	12.2	12.7	3.7	17.2	20.9
November	51.7	43.8	54.2	57.2	13.4	6.9	3.7	9.5	13.8	54.3	46.4	57.4	60.3	13.9	8.6	1.8	11.8	14.4
December	48.1	42.7	49.6	52.0	9.3	3.0	1.9	4.4	6.9	51.9	45.8	53.8	56.1	10.3	3.3	0.3	4.0	6.3
Year	60.5	54.3	62.0	64.5	10.3	11.0	5.8	13.1	18.1	64.0	57.5	66.2	68.1	10.5	9.8	4.2	12.9	17.3

7. LUDHIANA. 8. MOOLTAN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January	50.1	42.1	52.2	56.1	14.0	5.9	1.6	7.9	12.5	51.2	40.4	50.8	62.3	21.9	7.2	4.5	8.9	10.7
February	51.3	44.0	53.4	56.5	12.5	9.1	2.9	12.1	17.0	53.1	41.4	52.9	65.1	23.7	9.4	6.3	9.5	12.3
March	58.3	52.7	60.6	61.8	9.1	9.6	3.4	12.9	17.2	61.2	50.6	62.0	71.0	20.4	10.0	7.1	10.2	12.8
April	66.1	61.1	67.7	69.5	8.4	16.2	6.7	20.7	24.7	68.8	59.2	69.9	77.3	18.1	15.9	10.7	15.3	20.2
May	68.5*	63.8*	70.5	71.2	7.4	21.8	12.1	25.9	31.6	74.8*	64.8*	76.6	83.3	18.5	18.6	13.4	18.2	23.5
June	76.2	73.5	77.4	77.3	3.8	14.7	7.3	15.3	22.5	80.8	74.0	81.8	86.7	12.7	16.0	11.6	15.4	21.2
July	78.8	76.8	79.4	80.3	3.5	6.4	2.0	7.4	10.6	80.9	75.4	81.5	85.9	10.5	12.3	9.0	11.5	16.0
August	77.1	74.7	77.8	78.9	4.2	6.4	2.2	8.0	11.0	78.4	72.1	79.4	83.7	11.6	9.5	7.2	9.6	12.3
September	73.0	69.5	74.6	74.9	5.4	11.7	4.2	14.3	19.9	77.4	68.2	78.8	85.1	16.9	11.5	8.6	10.7	15.2
October	64.2	58.8	67.0	66.7	7.9	10.3	1.8	15.1	21.3	69.9*	57.8	70.7*	81.1*	23.3	9.8	7.9	10.8	13.1
November	55.3	47.4	58.4	60.1	12.7	7.1	1.1	12.7	16.8	57.9	47.6	58.3	67.8	20.2	7.3	5.7	8.5	10.8
December	52.5	47.0	54.3	56.2	9.2	2.8	0.5	5.0	7.9	51.6	44.9	52.2	57.6	12.7	4.3	3.4	5.1	7.3
Year	64.3	59.3	66.1	67.5	8.2	10.2	3.8	13.1	17.8	67.2	58.0	67.9	75.6	17.5	11.0	8.0	11.1	14.9

* Mean of 30 days.

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

9. JACOBABAD. 10. KURRACHEE.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	48·9	38·6	51·0	57·0	18·4	12·4	5·2	12·9	19·1	59·7	51·1	59·6	66·2	15·1	7·9	5·5	11·3	11·7
February . .	50·2	41·1	52·0	57·4	16·3	15·2	7·4	16·3	22·1	61·6	53·3	61·5	65·7	12·4	9·4	6·8	12·4	13·8
March . . .	57·0	50·1	59·3	61·7	11·6	18·9	9·8	20·5	26·4	70·4	63·8	70·3	71·9	8·1	6·4	4·8	8·9	9·7
April . . .	65·8	58·4	68·3	70·7	12·3	22·4	12·8	25·0	29·6	75·3	70·0	76·5	77·0	7·0	5·7	3·3	8·1	9·3
May . . .	69·2	62·8	71·9	72·8	10·0	27·6	15·8	29·3	37·8	78·4	74·0	78·8	79·7	5·7	5·7	3·6	8·6	8·5
June . . .	79·0	75·2	81·1	80·7	5·5	20·6	12·0	20·4	31·2	81·1	78·7	82·0	82·6	3·9	6·7	4·2	8·9	9·0
July . . .	?	Imper-fect.	80·7	80·6	?	?	?	14·0	24·0	78·9	76·8	79·8	79·9	3·1	5·4	3·9	6·7	7·4
August . . .	?	Not re-corded.	79·1	79·9	?	?	?	11·5	17·6	76·2	74·4	77·1	77·3	2·9	3·9	2·6	4·7	5·3
September . .	?	?	76·6	76·6	?	?	?	14·8	25·9	75·1	72·4	76·0	76·9	4·5	5·6	3·4	7·6	7·4
October . . .	61·7*	52·7*	67·3	68·3	15·6	17·5	9·4	19·9	28·1	72·1	67·6	73·2	75·5	7·9	7·2	3·8	10·4	9·7
November . .	55·6	47·4	58·2	61·1	13·7	9·8	4·5	15·0	19·2	62·6†	56·2‡	63·6‡	68·1†	11·9	12·7	7·3	10·2	16·3
December . .	53·6	47·8	55·7	57·1	9·3	3·1	0·8	5·8	9·1	59·1§	53·9§	60·0§	63·4§	9·5	5·4	3·2	6·0	8·5
Year . . .	?	?	66·8	68·7	?	?	?	17·1	24·2	70·9	66·0	71·5	73·7	7·7	6·8	4·4	8·7	9·7

* Mean of 25 days.

† Mean of 23 days.
‡ „ „ 24 „
§ „ „ 30 „

11. JEYPORE. 12. AJMERE.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	50·5	42·2	53·6	57·1	14·9	13·0	4·6	15·8	20·3	50·5	40·2	53·0	58·4	18·2	10·7	5·1	12·3	18·8
February . .	52·4	44·0	54·9	58·3	14·3	15·1	7·7	18·1	22·1	52·5	43·5	54·7	59·4	15·9	13·7	7·6	15·8	20·3
March . . .	60·3	54·3	62·1	64·1	9·8	14·9	7·8	17·1	21·6	60·0	53·5	61·9	64·5	11·0	15·5	9·5	16·9	21·7
April . . .	64·8	58·6	67·1	68·8	10·2	22·0	12·5	25·6	30·2	65·3	60·2	66·9	68·8	8·6	22·3	13·7	24·5	29·4
May . . .	68·2	62·7	70·7	71·4	8·7	24·4	15·9	26·8	33·1	70·3	66·1	71·7	73·0	6·9	21·4	14·3	22·7	28·9
June . . .	75·1	71·7	76·1	76·8	5·1	14·7	8·9	16·3	21·0	77·6	73·7	78·3	80·7	7·0	12·1	8·0	12·0	17·9
July . . .	76·0	73·9	76·4	77·2	3·3	6·3	3·0	7·5	9·9	77·5	74·5	77·8	80·3	5·8	4·2	2·4	4·5	7·5
August . . .	74·9	72·0	75·7	76·7	4·7	5·8	2·0	7·1	9·9	73·9	70·8	74·7	76·3	5·5	6·0	3·9	5·5	8·8
September . .	72·4	67·9	73·9	74·6	6·7	10·9	4·2	13·1	17·8	71·9	68·0	73·2	74·5	6·5	11·8	7·1	12·1	17·5
October . . .	63·5	57·3	66·6	67·5	10·2	14·8	6·1	19·1	22·8	65·0	56·9	68·1	70·1	13·2	13·2	8·3	16·6	20·7
November . .	57·1	49·3	60·4	62·9	13·6	13·2	5·9	17·2	18·7	58·9	48·9	61·9	66·2	17·3	8·8	5·2	13·4	15·8
December . .	53·9	46·4	56·2	59·0	12·6	8·3	3·9	10·6	13·4	54·2	46·8	55·7	60·0	13·2	6·6	3·4	7·8	11·7
Year . . .	64·1	58·4	66·1	67·9	9·5	13·6	6·9	16·2	20·1	64·8	58·6	66·6	69·4	10·8	12·2	7·4	15·3	18·3

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

13. Mount Abu. — 14. Chakrata.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January	Not recorded.									38.8	34.4	41.0	40.9	6.5	7.8	6.7	9.7	8.5
February	49.2	45.8	50.4	51.2	5.4	15.0	10.7	16.6	18.0	39.7	34.8	42.4	42.0	7.2	7.7	5.8	10.7	10.2
March	53.6	49.8	54.7	56.2	6.4	13.7	10.5	14.3	16.2	41.4	36.0	44.2	44.0	8.0	8.9	5.8	9.7	10.1
April	59.1	54.6	60.7	62.1	7.5	18.1	14.2	18.8	21.1	48.4	42.9	50.9	51.3	8.4	13.0	9.9	15.2	15.7
May	62.8*	57.8*	64.1*	66.6*	8.8	16.6	12.8	17.0	19.8	52.2	47.3	55.4	54.0	6.7	13.6	9.7	15.9	17.3
June	68.5	64.9	69.6	71.0	6.1	5.8	2.4	6.1	8.9	59.4	55.4	60.7	62.1	6.7	8.0	4.9	9.0	9.2
July	66.6	64.7	66.9	68.3	3.6	1.1	0.1	0.5	1.7	62.5	59.5	63.7	64.3	4.8	1.4	0.6	1.7	1.3
August	64.3	62.3	64.5	66.2	3.9	1.1	0.3	0.9	1.4	61.5	58.6	63.1	63.0	4.4	1.1	0.4	1.9	1.3
September	63.1	59.4	63.6	66.2	6.8	5.8	4.4	8.3	7.0	57.7	53.9	59.5	59.6	5.7	3.0	2.2	3.9	3.8
October	57.2	54.1	58.4	59.3	5.2	13.5	10.2	16.2	16.6	49.3	43.9	51.2	52.8	8.9	6.8	5.5	9.7	8.4
November	52.0	48.5	53.3	54.3	5.8	13.6	10.6	16.8	16.5	42.8	38.4	45.0	45.1	6.7	8.3	6.5	11.7	9.3
December	49.1	45.6	50.5	51.2	5.6	9.6	6.9	12.2	11.9	38.6	33.4	41.8	40.4	7.0	6.0	5.2	9.0	7.7
Year	?	?	?	?	?	?	?	?	?	49.4	44.9	51.6	51.6	6.8	7.1	5.3	9.0	8.6

* Mean of 25 days.

15. Ranikhet. — 16. Pithoragarh.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January	40.6	35.3	41.9	44.5	9.2	7.9	7.0	8.3	8.5	?	?	47.3	48.8	?	?	?	6.4	10.7
February	41.5	36.4	43.1	44.9	8.5	8.7	6.2	8.0	10.3	?	?	48.2	49.3	?	?	?	8.1	12.7
March	42.7	36.6	44.7	46.8	10.2	9.9	7.3	9.1	11.0	47.5	41.9	50.5	50.2	8.3	10.9	6.7	11.2	14.9
April	53.4	43.9	56.7	59.5	15.6	11.6	10.0	11.7	12.3	54.5	49.1	57.0	57.5	8.4	15.9	9.9	16.5	20.3
May	54.6	42.7	59.4	61.8	19.1	11.1	9.8	13.4	13.3	58.4	53.2	61.0	61.0	7.8	13.2	7.9	13.8	16.8
June	60.7	51.6	64.1	66.3	14.7	5.5	4.3	6.7	7.9	65.6	61.4	66.7	68.6	7.2	6.3	3.0	5.5	8.8
July	64.4	60.7	65.7	66.8	6.1	2.6	1.9	2.4	3.1	67.7	64.5	68.6	70.0	5.5	3.0	1.1	3.3	4.3
August	63.3	59.8	64.8	65.3	5.5	2.5	2.0	2.4	3.1	67.0	63.6	68.1	69.3	5.7	2.8	1.1	3.1	5.0
September	60.0	55.2	61.4	63.3	8.1	4.5	4.0	5.5	5.6	63.7	59.7	65.3	66.3	6.6	6.0	1.9	4.5	7.8
October	53.5	48.1	55.4	57.0	8.9	6.6	5.2	8.6	8.9	56.4	50.8	58.9	59.5	8.7	6.5	3.4	7.0	12.2
November	47.9	41.8	50.3	51.5	9.7	6.9	6.0	8.6	9.1	50.6	44.2	53.2	54.4	10.2	7.0	3.7	6.5	12.4
December	42.8	37.5	45.2	45.5	8.0	6.6	6.3	8.0	7.6	45.5	39.5	48.0	49.1	9.6	6.8	4.4	5.7	10.8
Year	52.1	45.8	54.4	56.1	10.3	7.0	5.8	7.7	8.4	?	?	57.7	58.7	?	?	?	7.6	11.4

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

17. DEHRA. 18. ROORKEE.

MONTH.	17. DEHRA. Mean.	Minimum.	9-30 hours.	15-30 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				18. ROORKEE. Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	9-30 hours.	3-30 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	49·0	43·0	49·8	54·3	11·3	7·9	3·1	7·0	11·8	50·3	42·5	51·9	56·5	14·0	7·2	2·1	6·8	13·7
February . .	50·5	44·7*	51·5	55·4	10·7	10·2	4·6	10·4	16·2	51·2	43·9	53·3	56·3	12·4	10·4	3·8	10·2	19·3
March . . .	53·5	47·6	55·3	57·7	10·1	13·1	6·6	13·3	19·2	56·3	49·8	58·9	60·2	10·4	13·2	5·4	16·2	22·5
April . . .	60·7	54·4	63·2	64·6	10·2	18·5	11·2	19·1	25·5	63·0	57·1	65·8	66·2	9·1	19·4	9·1	23·4	29·6
May . . .	63·8	59·2†	65·4	66·8	7·6	20·0	12·2	21·2	28·3	68·2	63·3	70·0	71·3	8·0	20·7	11·2	24·0	30·2
June . . .	71·2	68·1	71·8‡	73·8	5·7	12·5	6·5	11·5	17·5	75·4	71·8	76·3	78·0	6·2	13·6	7·5	13·1	19·9
July . . .	74·6	71·9	74·7	75·6	3·7	2·6	1·3	3·4	3·7	77·6	74·8	78·5	79·5	4·7	4·9	2·1	5·6	7·9
August . . .	73·2	70·5	73·4	75·6	5·1	3·2	1·4	3·5	4·7	76·3	73·5	76·8	78·6	5·1	5·5	2·8	6·1	9·0
September . .	69·9	65·9	70·7	73·1	7·2	5·4	2·6	6·2	8·6	73·1	68·9	74·8	75·5	6·6	7·2	2·6	8·4	13·1
October . . .	61·8	56·7	63·6	65·1	8·4	8·0	3·6	8·8	12·8	65·5	59·2	67·9	69·4	10·2	8·2	2·9	10·8	15·2
November . .	53·9	48·4	55·4	57·9	9·5	8·1	3·5	9·2	13·2	55·7	47·6	59·1	60·6	13·0	7·3	2·1	10·0	14·7
December . .	50·5†	45·1†	51·7	54·7	9·6	6·3	2·1	5·6	10·3	52·8	46·7	54·0	57·8	11·1	4·6	1·5	4·4	9·3
Year . . .	61·1	56·3	62·2	64·6	8·3	9·6	4·9	9·9	14·3	63·8	58·3	65·6	67·5	9·2	10·2	4·4	11·6	17·0

* Mean of 27 days.
† „ „ 30 „
‡ „ „ 29 „

19. MEERUT. 20. AGRA.

MONTH.	19. MEERUT. Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				20. AGRA. Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	50·5	43·6	51·1	56·7	13·1	7·9	1·7	8·2	14·3	51·7	43·3	53·5	58·3	15·0	10·5	5·0	11·0	18·2
February . .	51·3	44·9	52·6	56·5	11·6	11·3	3·3	13·7	20·4	53·6	44·5	56·0	60·3	15·8	13·3	7·5	14·8	21·5
March . . .	58·7	53·4	60·4	62·3	8·9	11·8	3·7	15·6	20·2	61·0	54·0	63·0	66·1	12·1	14·8	9·4	17.1	22·1
April . . .	64·4	60·0	66·3	66·9	6·9	19·0	8·1	24·4	29·3	66·1	59·6	68·2	70·4	10·8	22·7	14·5	25·0	31·5
May . . .	69·9	66·4	71·1	72·2	5·8	18·9	8·9	22·9	27·9	70·5	65·0	72·6	74·2	9·2	25·9	17·8	27·5	34·2
June . . .	76·2	74·2	77·1	77·6	3·4	12·6	5·1	13·5	19·1	77·2	73·4	78·4	79·7	6·3	16·0	11·3	16·1	20·9
July . . .	78·5	76·6	78·9	80·0	3·4	4·8	0·8	5·7	7·6	80·1	76·8	81·3	82·1	5·3	4·2	1·8	4·0	5·7
August . . .	76·9	75·1	77·2	78·3	3·2	5·6	1·5	6·7	9·1	78·9	75·2	80·3	81·3	6·1	4·8	2·0	5·5	6·4
September . .	73·9	71·1	74·9	75·7	4·6	7·7	1·9	9·6	13·3	77·2	73·1	78·6	79·8	6·7	7·2	2·9	9·0	11·0
October . . .	65·7	60·6	67·5	69·0	8·4	9·1	1·7	12·1	17·5	67·5	60·7	70·0	71·9	11·2	10·7	5·1	13·7	18·3
November . .	55·0	47·9	56·5	60·4	12·5	8·8	2·2	11·6	15·7	57·9	49·4	60·3	64·1	14·7	10·6	4·9	13·2	18·2
December . .	53·1	47·8	54·2	57·4	9·6	4·9	0·6	6·5	9·5	55·5*	48·2*	57·1†	61·3†	13·1	7·6	3·2	8·5	12·7
Year . . .	64·5	60·1	65·6	67·7	7·6	10·2	3·3	12·5	17·0	66·4	60·3	68·3	70·8	10·5	12·4	7·1	13·7	18·4

* Mean of 29 days.
† „ „ 30 „

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

21. LUCKNOW. 22. ALLAHABAD.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	52·9	44·1	55·8	58·8	14·7	9·5	2·5	8·9	15·4	53·1	44·4	56·0	58·9	14·5	7·7	1·8	9·6	17·1
February . .	54·7	45·0	57·5	61·7	16·7	11·1	4·1	13·2	19·1	53·8	45·5	56·6	59·5	14·0	12·5	4·3	15·9	23·4
March . . .	60·7	54·1	62·9	65·0	10·9	15·5	6·6	18·7	23·7	60·8	54·8	63·2	64·4	9·6	16·3	7·6	19·4	26·1
April . . .	65·4	59·0	68·0	69·1	10·1	22·1	11·5	25·0	31·9	65·1	58·7	67·8	68·7	10·0	22·9	13·0	27·4	33·6
May . . .	70·2	65·1	72·7	72·8	7·7	22·2	12·7	23·6	32·2	71·1	65·8	73·5	73·9	8·1	21·9	12·8	23·8	31·8
June . . .	77·2	74·5	78·8	78·4	3·9	12·1	7·0	11·9	16·2	77·9	75·3	79·1	79·4	4·1	11·6	6·9	11·9	16·9
July . . .	78·3	75·9	79·4	79·6	3·7	3·7	2·6	4·1	5·5	78·3	76·0	78·8	80·0	4·0	3·6	1·6	4·3	5·6
August . . .	78·4	76·0	79·4	79·8	3·8	5·3	2·3	6·1	7·8	78·3	75·8	79·6	79·5	3·7	4·0	2·1	5·1	6·8
September . .	75·7	72·5	77·7	77·0	4·5	7·3	2·8	8·1	12·2	76·7	73·9	78·0	78·1	4·2	5·6	2·2	7·3	10·0
October . .	68·9	63·5	71·3	71·9	8·4	7·6	2·0	10·7	14·5	69·7	65·0	71·9	72·2	7·2	7·2	1·6	10·3	15·6
November . .	58·7	50·4	62·0	63·7	13·3	7·8	1·8	12·1	15·0	59·2	51·7	62·5	63·3	11·6	7·1	1·2	12·1	17·4
December . .	55·4	48·1	58·1	60·1	12·0	5·9	1·5	8·0	11·9	56·2	48·9	58·8	60·9	12·0	5·9	0·9	9·3	14·6
Year . . .	66·4	60·7	68·6	69·8	9·1	10·8	4·8	12·5	17·1	66·7	61·4	68·8	69·9	8·6	10·5	4·7	13·0	18·2

23. GHAZIPUR. 24. NOWGONG.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	53·4	42·3	58·4	59·6	17·3	7·4	8·0	8·8	13·3	51·1	42·7	52·6	58·0	15·3	9·3	1·6	10·7	18·2
February . .	53·9	42·0	59·6	60·0	18·0	12·2	10·9	13·7	19·9	54·2	46·0	55·6	61·0	15·0	12·0	4·1	15·1	20·9
March . . .	60·2	49·7	65·3	65·6	15·9	17·3	15·6	18·1	23·2	62·2	56·0	63·9	66·7	10·7	14·5	6·6	17·4	22·4
April . . .	66·4	55·4	72·2	71·6	16·2	21·4	18·9	22·8	28·1	67·4	59·8	69·9	72·4†	12·6	19·3	10·9	24·5	28·5
May . . .	71·3	61·2	76·0	76·7	15·5	19·1	17·4	19·6	25·1	69·4	64·4	71·2	72·7	8·3	25·2	16·8	28·3	33·4
June . . .	76·0	68·5	79·6	80·4	11·9	10·9	13·0	10·3	13·1	76·5	74·1	77·4	78·0	3·9	14·0	8·9	14·5	18·7
July . . .	76·4	68·9	79·9	80·3	11·4	5·6	9·9	3·5	4·8	76·4	74·5	76·8	78·0	3·5	3·3	1·7	3·9	4·8
August . . .	76·3	68·6	80·4	80·3	11·7	5·9	10·1	3·9	4·8	76·3	73·9	76·9	78·1	4·2	3·9	1·7	4·9	5·7
September . .	79·9	67·1	79·2	78·5	11·4	2·6	10·7	6·5	8·1	74·8	72·4	75·6	76·3	3·9	5·9	1·9	7·8	10·6
October . . .	68·6	59·6	73·8	72·3	12·7	8·9	10·9	8·7	11·7	66·8	61·6	69·1	69·7	8·1	8·2	1·8	11·3	16·3
November . .	57·9	46·0	64·2	63·5	17·5	9·9	11·3	10·9	13·5	57·7	49·8	60·5	62·9	13·1	7·7	1·6	12·0	15·5
December . .	56·1	48·1*	59·9*	60·3*	12·2*	7·1	5·3	8·5	11·9	56·0	48·9	57·9	61·3	12·4	5·8	1·0	8·9	12·5
Year . . .	66·4	56·5	70·7	70·8	14·3	10·7	11·8	11·3	14·8	65·7	60·3	67·3	69·6	9·3	10·8	4·9	13·3	17·3

* Mean of 30 days.

† Mean of 29 days.

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

25. SUTNA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . .	50·4	41·8	53·5	55·9	14·1	9·7	3·2	13·5	20·4
February . .	52·5	45·5	54·3*	57·7*	12·2	14·2	5·9	19·3	24·8
March . . .	59·5	54·7	61·4	62·5	7·8	17·5	8·6	21·1	26·7
April . . .	62·8	57·8	65·0	65·5	7·7	23·6	13·2	27·4	33·9
May . . .	67·2	63·7	69·4	68·5	4·8	25·1	15·3	30·0	35·3
June . . .	74·9	72·4	76·4	75·9	3·5	11·8	6·8	14·1	16·6
July . . .	75·2†	72·9	76·0†	76·8†	3·9	3·4	1·8	4·2	5·1
August . . .	75·6	73·2	76·5	77·1	3·9	3·5	1·6	5·0	6·0
September . .	74·3	71·9	75·7	75·3	3·4	4·2	0·9	6·7	8·7
October . . .	66·2	62·[illegible]	68·9	67·5	5·2	7·6	1·0	13·1	17·3
November . .	56·3	49·3	59·4	60·1	10·8	9·1	2·7	15·6	19·4
December . .	55·2	48·0	57·7	59·8	11·8	7·1	2·1	12·0	16·1
Year . . .	64·2	59·5	66·2	66·9	7·4	11·4	5·3	15·2	19·2

* Mean of 26 days.
† " " 30 "
‡ " " 27 "

26. DURBHANGA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . .	58·4	52·3	60·4	62·6	10·3	5·9	1·9	6·1	11·7
February . .	57·4‡	50·9	59·1	62·2‡	11·3	?	?	11·8	18·3
March . . .	62·3	57·8	63·8	65·4	7·6	?	?	17·2	23·1
April . . .	71·5	66·8	73·4	74·4	7·6	?	?	13·8	21·1
May . . .	76·2	72·1	77·7	78·8§	6·7	?	?	9·9	16·3
June . . .	79·0	76·4	79·6	81·1	4·7	?	?	5·8	7·7
July . . .	79·0	77·1	79·4	80·3	3·2	2·9	0·5	4·2	5·3
August . . .	78·6†	76·3†	79·6†	79·9†	3·6	2·6	0·6	4·4	5·0
September . .	78·3	76·7	79·1	79·2	2·5	4·0	0·7	5·5	7·6
October . . .	73·3†	70·6	74·8	74·4†	3·8	4·9	0·5	6·9	9·6
November . .	64·1‖	58·9‖	66·3‖	67·1‖	8·2	5·9	0·6	8·8	11·8
December . .	59·1	53·1	61·3	62·9	9·8	5·0	0·3	6·0	10·0
Year . . .	69·8	65·8	71·2	72·4	6·6	?	?	8·4	12·3

§ Mean of 20 days.
‖ " " 28 "

27. PATNA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	57·3	50·3	59·6	62·0	11·7	5·6	1·9	7·5	11·3
February . .	55·7	48·6	57·7	60·7	12·1	11·8	5·1	15·0	19·9
March . . .	62·1	56·7	64·2	65·5	8·8	16·7	9·2	19·4	24·0
April . . .	69·2	63·7	72·0	71·9	8·2	18·1	10·0	18·0	26·0
May . . .	74·9	71·0	77·0	76·7	5·7	12·1	5·7	13·3	20·7
June . . .	78·6	76·4	79·5	79·8	3·4	6·8	2·5	8·0	11·9
July . . .	78·8	77·1	79·3	79·8	2·7	3·1	1·7	4·2	5·6
August . . .	78·6	76·6	79·3	79·9	3·3	3·3	1·8	4·0	5·1
September . .	78·0	75·9	79·2	78·8	2·9	4·5	2·5	5·8	8·5
October . . .	72·2	69·9	73·5	73·3	3·4	5·7	1·7	8·0	10·6
November . .	61·7	56·8	63·6	64·8	8·0	7·2	2·4	10·6	13·8
December . .	57·5	51·3*	59·7*	61·6*	10·3	5·6	1·8	7·5	10·7
Year . . .	68·7	64·5	70·4	71·2	6·7	8·4	3·9	10·1	14·0

* Mean of 30 days.

28. HAZARIBAGH.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	51·8	45·9	54·1	55·4	9·5	9·9	5·5	13·1	16·5
February . .	52·5	46·1	54·3	57·0	10·9	15·7	9·8	17·8	23·0
March . . .	58·9	54·5	60·6	61·7	7·2	17·5	10·3	20·2	24·5
April . . .	62·2	58·4	64·1	64·2	5·8	23·6	15·3	26·9	31·7
May . . .	67·7	64·5	69·6	69·0	4·5	18·9	10·9	22·2	27·6
June . . .	73·6	71·3	74·8	74·7	3·4	8·2	4·1	9·4	12·6
July . . .	73·6	71·7	74·2	75·0	3·3	3·0	1·1	3·8	4·6
August . . .	73·5	71·1	74·6	74·9	3·8	2·7	1·0	3·9	4·7
September . .	72·3	70·0	73·6	73·3	3·3	4·8	1·7	6·1	8·3
October . . .	66·1	62·2	68·1	67·9	5·7	6·4	3·4	8·6	11·1
November . .	57·4	51·9	59·6	60·6	8·7	8·8	4·9	11·4	14·7
December . .	54·0	48·8	55·9	57·4	8·6	8·0	3·9	10·2	13·3
Year . . .	63·6	59·7	65·3	66·9	6·2	10·6	6·0	12·8	16·1

29. DARJEELING. | 30. PEDONG.

MONTH.	29. Darjeeling: Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				30. Pedong: Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	38·5*	34·5†	39·5‡	41·4	6·9	3·6	1·3	2·6	1·9	Not recorded.								
February . .	41·4	36·4§	43·2	44·8	8·4	4·0	1·8	3·2	3·8									
March . . .	42·6†	37·4	44·4‡	46·0‡	8·6	6·3	4·9	8·4	7·1									
April . . .	51·4§	46·5*	53·7*	54·2§	7·7	3·4	2·9	4·0	4·2									
May . . .	54·6*	50·7‡	55·9†	57·3	6·6	1·8	1·3	1·5	2·3									
June . . .	58·7‖	55·1‖	60·1†	60·8*	5·7	0·7	0·7	0·8	1·0									
July . . .	59·8	56·9¶	60·8	61·7*	4·8	0·6	0·3	0·9	0·7									
August . . .	59·1‡	55·6	60·7	60·8‡	5·2	0·6	0·7	1·0	1·0									
September . .	56·5**	53·1*	58·6†	58·7††	3·4	1·3	1·2	1·3	1·4	65·3	61·9	67·0	67·1	5·2	2·1	1·3	2·9	3·1
October . . .	52·0††	47·7‡	54·0	55·1§	7·4	5·5	1·7	2·7	2·3	60·7	56·4	63·2	62·6	6·2	2·5	2·0	3·8	3·9
November . .	44·2§	38·5*	46·7†	47·6*	9·1	3·1	3·3	5·1	3·8	53·5	48·2	56·7†	55·6	7·4	2·4	1·7	4·5	4·2
December . .	39·5	34·9	41·0	42·5	7·6	0·7	0·7	1·9	1·2	49·0	45·4*	51·8§	49·7*	4·3	2·5	1·1	3·5	5·1
Year . . .	49·9	45·6	51·6	52·6	6·8	2·6	1·7	2·8	2·6	?	?	?	?	?	?	?	?	?

* Mean of 28 days.
† „ „ 29 „
‡ Mean of 30 days.
§ „ „ 27 „
‖ Mean of 20 days.
¶ „ „ 21 „
** Mean of 25 days.
†† „ „ 26 „

31. BERHAMPORE. | 32. BURDWAN.

MONTH.	31. Berhampore: Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				32. Burdwan: Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	60·4	54·6	62·2	64·4	9·8	5·0	0·6	5·1	11·5	59·0	54·5	60·2	62·4	7·9	8·0	1·4	8·3	15·0
February . .	60·2*	53·4*	62·0	64·7	11·3	9·2	2·0	11·2	18·9	59·5	54·6*	60·5	63·5	8·9	11·5	2·6	14·6	21·2
March . . .	66·8	62·0	68·9	69·6	7·6	13·2	5·1	14·1	22·2	67·2	65·2	68·0	68·4	3·2	14·3	4·4	16·0	23·7
April . . .	74·2	69·7	77·0	76·0	6·3	11·2	5·0	9·7	21·0	74·2	72·0	76·3	74·2	2·2	13·0	4·9	12·5	23·7
May . . .	76·6†	72·7	78·8†	78·4†	5·7	8·5	3·7	8·4	15·9	76·6	74·1	78·2	77·4	3·3	11·1	4·7	10·7	19·2
June . . .	79·3	76·2	80·8	80·8	4·6	4·0	1·7	5·2	6·8	78·5	76·4	79·3	79·8	3·4	5·1	2·0	6·5	8·2
July . . .	79·1	76·6	80·2	80·5	3·9	2·3	0·8	3·2	3·8	78·5	77·2	78·7	79·6	2·4	4·4	1·9	5·1	6·3
August . . .	79·0	77·0	80·0	80·1	3·1	2·8	1·2	2·8	5·0	78·5	77·5	78·8	79·3	1·8	4·5	1·6	5·1	6·5
September . .	78·7	76·6	79·7	79·7	3·1	3·4	1·5	3·7	5·3	78·2	77·0	78·8	78·9	1·9	4·7	1·4	5·6	6·9
October . . .	74·6	72·2	75·8	75·9	3·7	4·0	1·0	5·0	7·3	74·2	73·2	74·8	74·5	1·3	5·9	1·6	7·0	9·8
November . .	66·4	62·5	68·1	68·6	6·1	5·4	0·9	6·6	10·3	65·2	62·0	66·7	66·8	4·8	7·1	1·8	8·3	12·9
December . .	60·1	55·2	61·8	63·5†	8·3	5·6	0·7	7·0	11·2	59·5	55·3	60·3	63·0	7·7	7·6	1·5	9·8	13·2
Year . . .	71·3	67·4	72·9	73·5	6·1	5·4	2·0	6·8	10·8	70·8	68·3	71·7	72·3	4·1	6·4	2·5	9·1	13·9

* Mean of 27 days.
† Mean of 30 days.

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

33. CALCUTTA (ALIPORE).

34. SAUGOR ISLAND.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January	60·9	55·7	62·3	62·7	7·0	5·0	0·8	7·1	13·6	62·9	57·5	65·4	65·7	8·2	4·5	2·9	5·5	8·8
February	63·4	58·0	63·7	64·6	6·6	7·5	1·5	10·8	18·1	67·2	62·4	69·3	69·8	7·4	5·2	2·8	5·7	9·4
March	73·1	67·2	72·6	71·6	4·4	7·5	3·9	10·1	18·7	75·3	72·0	76·7	77·3	5·3	4·6	4·4	5·9	6·8
April	78·0	73·0	78·0	77·5	4·5	7·1	3·5	9·7	14·8	79·3	76·3	80·8	80·8	4·5	5·0	4·3	6·9	7·0
May	79·5	74·1	79·3	78·8	4·7	6·3	3·0	8·9	13·4	80·9	76·3	82·9	83·5	7·2	4·6	3·8	6·7	6·6
June	80·4	76·7	80·3	80·0	3·3	3·1	1·3	5·7	5·8	81·2	78·4	82·6	82·7	4·3	3·6	3·3	4·7	4·9
July	79·5	76·5	79·0	79·1	2·6	2·7	1·2	4·0	4·8	79·5	77·4	80·2	80·9	3·5	2·9	2·8	3·4	3·8
August	79·4	76·3	79·1	78·9	2·6	2·3	0·7	4·2	4·5	79·6	77·6	80·6	80·5	2·9	2·9	1·9	4·0	4·7
September	79·4	75·9	79·1	78·7	2·8	2·3	0·9	4·8	4·9	79·6	77·6	80·7	80·6	3·0	3·4	2·3	4·2	4·7
October	75·6	72·4	75·5	75·2	2·8	3·0	0·8	5·9	7·4	76·2	73·8	77·7	77·2	3·4	3·2	2·0	4·7	5·6
November	66·5	62·2	67·6	67·8	5·6	4·5	0·5	7·9	11·1	67·9	64·1	70·1	69·6	5·5	4·4	1·9	6·5	8·7
December	61·3	56·3	62·3	63·0	6·7	5·1	0·5	8·3	13·3	64·3	59·4	66·7	66·8	7·4	4·2	2·3	5·9	8·5
Year	73·1	68·7	73·2	73·2	4·5	4·7	1·6	7·3	10·9	74·5	71·1	76·1	76·3	5·2	4·0	2·9	5·3	6·6

35. DACCA.

36. CHITTAGONG.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January	62·1	56·2	64·3	65·4*	9·2	5·6	0·4	6·4	11·0	62·7	56·8	65·4	66·0	9·2	5·1	1·1	5·2	9·2
February	62·6	56·9†	65·0	65·9	9·0	8·3	0·9	10·0	16·7	63·6	56·7	66·5	67·6	10·9	7·2	1·6	8·2	12·7
March	71·6	67·1	74·1	73·5	6·4	7·5	2·3	8·1	14·3	72·7	68·7	75·0	74·5	5·8	5·6	1·9	7·2	9·0
April	76·1	71·5	78·0	78·8	7·3	5·5	1·6	6·8	10·5	76·2	72·1	78·1	78·4	6·3	4·7	2·0	7·3	7·4
May	77·5	73·5	79·6	79·3	5·8	4·2	1·0	5·7	6·8	77·3	74·1	78·8	79·1	5·0	5·0	2·2	7·0	7·8
June	78·9	75·8	80·9	80·0	4·2	3·1	1·0	3·9	4·2	78·0	75·5	79·0	79·6	4·1	3·2	1·7	5·4	4·8
July	78·3	76·2	79·2	79·6	3·4	2·9	0·7	2·9	4·0	?	Imper-fect.	77·5	78·0	?	?	?	3·3	3·5
August	78·4	76·5	79·5	79·3*	2·8	3·2	1·2	3·5	3·9	76·1	72·6	77·7	78·0	5·4	2·2	0·5	4·1	3·6
September	78·8	77·1	79·7	79·7	2·6	4·9	2·3	5·6	5·9	77·5	74·7	79·0	78·8	4·1	3·6	2·5	4·4	4·9
October	74·8	72·2	76·2	76·0	3·8	5·1	2·1	6·3	7·2	75·8	72·6	77·6	77·4	4·8	3·9	1·9	4·8	5·6
November	66·6	61·7	69·2	68·9	7·2	6·7	2·1	8·0	11·1	68·8	63·2	71·1	72·0	8·8	?	?	5·2	6·5
December	61·0	54·9	64·1	64·2	9·3	6·3	1·9	6·1	10·8	61·7	55·0	64·9	65·3	10·7	7·0	6·2	5·3	8·2
Year	72·2	68·3	75·0	74·2	5·9	5·3	1·5	6·1	8·9	?	?	74·2	74·6	?	?	?	5·6	6·9

* Mean of 30 days.
† „ „ 27 „

37. TURA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January	?	Wet Min. not recorded.	59.3	61.5	?	?	?	6.2	9.2
February	?	„	60.1	61.2	?	?	?	11.1	16.1
March	?	„	64.0	64.8	?	?	?	13.1	19.5
April	?	„	71.6	72.9	?	?	?	7.6	11.2
May	?	„	73.6	75.8	?	?	?	5.3	6.7
June	?	„	75.5	76.5	?	?	?	3.4	5.1
July	?	„	75.4	76.6	?	?	?	3.5	4.4
August	?	„	75.4	76.3	?	?	?	2.9	3.8
September	?	„	74.8	75.2	?	?	?	4.0	4.4
October	?	„	72.0	72.6	?	?	?	5.0	5.4
November	?	„	64.2	66.5	?	?	?	7.2	9.3
December	?	„	60.1	61.5	?	?	?	7.2	7.8
Year	?	?	68.8	70.1	?	?	?	6.4	8.6

38. DHUBRI.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January	59.3	54.8	59.8	63.3	8.5	3.9	0.8	3.5	9.2
February	59.2	54.4	60.3	62.8	8.4	8.3	2.3	7.3	17.7
March	63.4	59.7	64.9	65.7	6.0	12.4	5.0	11.8	22.5
April	71.3	68.0	72.6	73.3	5.3	6.2	2.6	5.8	11.5
May	74.6	71.8	75.1	76.9	5.1	3.6	1.9	4.8	7.7
June	75.9	73.8	76.5	77.5	3.7	1.7	1.0	2.4	3.6
July	77.9	76.2	78.4	79.1	2.9	2.2	1.2	2.7	3.6
August	77.4	75.8	78.2	78.4	2.6	1.8	1.3	2.6	3.6
September	76.0	74.0	76.5	77.5	3.5	2.1	1.7	2.9	4.7
October	72.9	70.5	73.1	74.4	3.9	3.2	1.1	4.2	6.8
November	65.4	61.4	66.6	68.1	6.7	3.3	0.9	4.1	9.2
December	59.5	54.9	60.5	63.2	8.3	4.3	0.8	3.5	9.0
Year	69.4	66.3	70.2	71.7	5.4	4.4	1.7	4.6	9.1

39. SIBSAGAR.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January	58.2	52.5	59.3	62.9	10.4	2.0	0.1	0.7	5.8
February	60.7	54.0	62.3	65.7	11.7	2.9	0.3	2.7	8.6
March	63.3	58.0	64.7	67.3	9.3	3.6	0.6	4.3	8.8
April	70.9	66.6	71.8	74.3	7.7	3.7	0.9	4.8	8.1
May	75.4	71.1	77.1	78.1	7.0	3.6	1.3	5.1	8.3
June	78.5	75.3	79.2	80.8	5.5	2.3	0.8	2.4	6.0
July	79.2	76.3	79.9	81.4	5.1	2.9	1.0	2.9	6.2
August	78.5	76.0	78.9	80.7	4.7	3.0	1.3	3.0	6.2
September	77.5	74.1	78.6	79.7	5.6	2.3	1.0	3.4	6.2
October	74.0	70.2	75.1	76.7	6.5	2.1	0.6	3.7	5.6
November	64.4	58.1	66.5	68.6	10.5	2.1	0.2	1.9	7.0
December	57.3	50.9	59.0	61.9	11.0	0.8	0.2	0.5	5.4
Year	69.8	65.3	71.0	73.2	7.9	2.6	0.7	3.0	6.8

40. SILCHAR.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January	61.0	54.5	63.2	65.1	10.6	5.1	1.2	4.6	11.5
February	62.1	55.2	64.7	66.3	11.1	7.2	1.3	7.3	15.8
March	68.3	63.4	70.0	71.4	8.0	5.3	1.4	5.8	10.2
April	72.6	68.2	74.2	75.3	7.1	4.9	1.7	5.3	9.1
May	75.3	71.1	77.1	77.8	6.7	4.7	1.6	5.5	9.3
June	77.7	75.0	79.1	79.0	4.0	3.0	1.0	4.2	4.7
July	77.9	75.5	78.6	79.5	4.0	3.5	0.9	4.4	5.8
August	77.6	75.1	78.5	79.1	4.0	3.6	1.1	4.1	5.0
September	77.2	73.6	78.1	79.9	6.3	4.1	1.3	5.1	7.5
October	75.3	71.4	76.9	77.7	6.3	4.1	1.2	4.9	8.5
November	65.7	58.7	68.3	70.2	11.5	5.4	1.4	6.1	12.0
December	60.0	52.6	62.3	65.0	12.4	4.6	0.8	4.4	10.9
Year	70.9	66.2	72.6	73.9	7.7	4.6	1.2	5.1	9.2

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

41. FALSE POINT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	63.1	56.7	65.9	66.8	10.1	4.4	0.9	7.8	10.2
February . . .	67.9	61.7	71.0	71.1	9.4	3.8	0.6	7.7	9.3
March . . .	75.6	72.1	77.3	77.4	5.3	2.8	1.5	7.2	6.3
April . . .	78.7	76.5	79.8	79.9	3.4	3.6	2.1	7.3	6.4
May . . .	80.2	76.1	81.9	82.6	6.5	3.5	2.1	6.9	6.0
June . . .	79.5	77.3	80.8	80.5	3.2	3.6	2.4	5.5	5.7
July . . .	77.8	75.3	78.8	79.2	3.9	2.9	2.0	4.7	4.6
August . . .	78.2	75.9	79.2	79.5	3.6	2.9	1.5	4.8	5.2
September . . .	78.2	75.7	79.5	79.3	3.6	3.1	1.4	5.7	6.0
October . . .	75.8	73.3	77.5	76.8	3.5	2.9	0.9	6.2	6.1
November . . .	68.2	63.4	71.1	67.1	3.7	3.6	0.8	7.5	11.8
December . . .	66.5	60.2	69.6	69.5	9.3	3.1	0.5	7.6	8.2
Year . . .	74.1	70.4	76.0	75.8	5.5	3.4	1.4	6.6	7.2

42. CUTTACK.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	61.3	56.6	62.9	64.4	7.8	8.9	1.9	10.7	18.3
February . . .	66.6	63.3*	68.0	68.4	5.1	10.7	1.9	11.4	22.1
March . . .	74.2	71.5	75.3	75.7‡	4.2	8.9	2.4	11.2	18.2
April . . .	77.7†	75.2†	77.7	79.1	3.9	10.0	3.6	14.4	18.8
May . . .	79.8	76.3	81.1	82.0	5.7	9.8	4.5	13.2	17.1
June . . .	78.8	76.7	80.3	79.6	2.9	5.7	2.7	8.7	9.4
July . . .	77.2	75.4	77.9	78.1	2.7	4.7	2.5	6.9	7.2
August . . .	78.0	76.2	78.3	79.4	3.2	4.6	1.9	4.5	7.2
September . . .	77.8	76.1	78.8	78.3	2.2	4.7	1.9	7.2	7.0
October . . .	75.1	73.4	76.2	75.7	2.3	5.8	1.8	8.4	10.1
November . . .	67.3	63.6	69.0	69.4	5.8	6.9	1.9	9.4	12.6
December . . .	65.5	61.6	67.1	68.0	6.4	8.0	1.7	9.8	15.4
Year . . .	73.3	70.5	74.4	74.8	4.4	6.6	2.4	9.7	13.6

* Mean of 27 days.
† „ „ 25 „
‡ „ „ 29 „

43. SAMBALPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	58.1	50.9	60.4	62.9	12.0	9.2	3.6	8.2	17.9
February . . .	Not recorded.								
March . . .	69.9*	65.2	73.0	72.7*	7.5	12.6	5.2	12.3	20.6
April . . .	73.6†	66.1†	76.5†	78.1†	12.0	16.1	10.6	17.1	23.5
May . . .	74.6	69.8	77.8	76.3	6.5	19.4	11.9	19.4	29.5
June . . .	77.9	76.0	78.6	79.0	3.0	9.0	5.7	10.5	12.6
July . . .	75.9	73.7	76.6	77.3	3.6	3.7	2.3	3.7	4.7
August . . .	76.5	74.0	77.7	77.8	3.8	4.2	2.2	3.7	5.4
September . . .	77.0	74.4	78.6	78.1	3.7	4.9	2.6	5.7	6.9
October . . .	72.6	68.8	74.8	74.1	5.3	7.4	2.8	8.2	11.6
November . . .	64.5	58.5	67.6	67.3	8.8	9.0	4.1	8.9	15.0
December . . .	62.5	55.9	65.4	66.3	10.4	9.1	4.9	9.8	15.7
Year . . .	?	?	?	?	?	?	?	?	?

* Mean of 29 days.
† „ „ 27 „

44. RAIPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	55.5	48.7	57.8	60.0	11.3	11.2	5.1	13.7	20.4
February . . .	59.4	52.6	61.0	64.6	12.0	154	8.3	18.1	24.1
March . . .	65.8	60.7	67.6	69.0	8.3	18.5	10.6	19.4	25.7
April . . .	67.5	62.5	69.8	70.3	7.8	23.3	15.0	25.3	30.6
May . . .	70.0	65.0	73.0	72.2	7.2	25.5	17.7	28.6	33.5
June . . .	75.3	72.7	76.4	76.7	4.0	9.1	4.9	9.6	15.2
July . . .	74.2	72.0	75.1	75.6	3.6	4.1	1.9	4.0	6.0
August . . .	74.7	72.2	75.5	76.5	4.3	4.6	1.7	3.9	6.4
September . . .	75.2	72.6	76.3	76.8	4.2	4.6	1.8	5.8	7.0
October . . .	68.9	65.7	71.0	70.1	4.4	9.5	2.9	11.2	15.7
November . . .	62.9	57.9	65.7	65.2	7.3	9.4	2.7	9.8	16.3
December . . .	62.2	56.9	64.0	65.6	8.7	7.7	2.8	10.1	14.9
Year . . .	67.6	63.3	69.4	70.2	6.9	11.9	6.3	13.3	18.0

45. KHANDWA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	53·2	42·2	57·0	60·5	18·3	12·7	6·5	17·3	23·4
February . .	58·3	48·5	61·0	65·0	16·5	15·6	8·8	19·1	25·1
March . . .	?	?	67·8	69·9	?	?	?	17·8	24·1
April . . .	66·8	59·9	69·3	71·2	11·3	23·9	16·4	25·7	30·8
May . . .	71·2	65·9	73·6	74·1	8·2	22·5	15·4	22·3	31·1
June . . .	76·2	72·6	77·4	78·4	5·8	9·6	5·2	9·1	14·4
July . . .	74·1	72·0	74·6	75·6	3·6	5·4	2·9	5·4	8·6
August . . .	72·7	70·5	73·3	74·4	3·9	5·6	3·6	5·5	8·1
September . .	72·9	69·8	74·0	75·0	5·2	7·6	5·1	7·1	11·2
October . . .	66·8	60·2	72·3	68·0	7·8	10·3	4·9	11·9	21·3
November . .	60·7	52·2	64·3	65·6	13·4	11·1	4·6	15·1	20·5
December . .	61·1	53·7	63·7	65·8	12·1	8·6	2·8	11·5	17·3
Year . . .	?	?	69·0	70·3	?	?	?	14·0	19·7

46. HOSHANGABAD.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	53·5	45·1	54·6	60·8	15·7	11·3	4·7	11·1	19·8
February . .	56·8	49·2	57·5	63·7	14·5	15·8	8·5	16·3	23·7
March . . .	62·9	56·8	64·5	67·3	10·5	18·3	10·3	19·3	26·6
April . . .	68·2	61·4	69·8	73·4	12·0	21·7	13·2	23·8	29·2
May . . .	73·7	66·8	75·9	78·8	12·0	20·7	14·7	21·8	28·1
June . . .	77·4	74·7	77·6	79·9	5·2	9·0	3·8	8·2	13·9
July . . .	75·3	73·0	75·5	77·3	4·3	3·0	0·9	2·8	5·4
August . . .	74·2	72·3	74·6	75·8*	3·5	3·4	1·2	3·4	5·8*
September . .	74·2	71·0	75·5	76·0	5·0	4·7	1·8	5·6	8·9
October . . .	67·9	62·6	70·3	70·7	8·1	8·2	3·0	10·9	15·9
November . .	61·3	53·9	63·2	66·7	12·8	9·8	4·6	11·0	16·1
December . .	60·8	54·3	62·0	66·0	11·7	7·8	3·2	8·4	14·0
Year . . .	67·2	61·8	68·4	71·4	9·6	11·1	5·8	11·9	17·3

* Mean of 30 days.

47. JUBBULPORE.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	?	Untrustworthy.	53·4	58·3	?	?	?	10·9	19·3
February . .	?		56·7*	61·4	?	?	?	15·7	23·0
March . . .	?		65·0	67·4	?	?	?	16·1	22·8
April . . .	?		68·0	69·6	?	?	?	24·6	29·6
May . . .	?		70·7	71·3	?	?	?	27·6	33·6
June . . .	?		76·5	76·8	?	?	?	10·5	15·0
July . . .	?		74·3	75·4	?	?	?	3·4	5·1
August . . .	?		74·5	75·5	?	?	?	3·5	5·5
September . .	?		74·9	74·9	?	?	?	6·3	7·7
October . . .	?		69·2	68·0	?	?	?	10·3	16·3
November . .	?		62·2	63·5	?	?	?	9·8	16·7
December . .	?		60·1	63·6	?	?	?	8·8	14·1
Year . . .	?		67·1	68·8	?	?	?	12·3	17·4

* Mean of 27 days.

48. NAGPUR.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	55·6	46·9	58·2	61·6	14·7	12·4	6·7	14·4	21·4
February . .	58·5	50·8	60·4	64·4	13·6	17·4	10·3	19·3	25·7
March . . .	65·5	59·1	67·7	69·6	10·5	19·2	11·5	19·9	25·8
April . . .	69·3	61·8	72·4	73·7	11·9	21·6	15·4	23·2	27·4
May . . .	70·0	64·0	72·5	73·5	9·5	27·6	20·2	30·5	35·6
June . . .	75·1	72·2	76·3	76·8	4·6	9·6	5·2	10·6	15·2
July . . .	74·4	71·2	75·5	76·4	5·2	4·4	2·8	4·1	5·6
August . . .	74·3	71·2	75·9	76·3	5·1	5·3	2·8	5·0	6·6
September . .	74·0	70·5	75·8	75·9	5·4	5·5	3·0	6·2	7·2
October . . .	67·6	62·3	70·5	69·9	7·6	10·9	4·8	12·7	17·2
November . .	63·1	57·1	65·9	66·4	9·3	9·8	3·9	10·4	15·7
December . .	63·5	57·8	65·6	67·0	9·2	6·4	2·9	8·0	12·1
Year . . .	67·6	62·1	69·7	71·0	8·9	12·5	7·5	13·7	18·0

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

49. CHANDA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	56·4	47·7	59·0	62·4	14·7	9·4	1·2	12·2	20·5
February . .	62·7	55·0	65·1	68·0	13·0	12·7	3·3	15·5	24·0
March . . .	67·3	62·2	68·8	71·0	8·8	18·0	7·4	19·8	26·9
April . . .	70·8	65·7	72·5	74·3	8·6	21·4	11·8	22·7	29·5
May . . .	73·4	68·1	74·8	77·2	9·1	24·4	15·3	27·9	33·5
June . . .	75·3	76·4	76·0	77·0	0·6	9·8	1·2	11·5	15·6
July . . .	74·0	72·2	74·3	75·6	3·4	4·9	1·8	6·1	6·8
August . . .	74·3	72·8	74·7	75·6	2·8	6·3	2·0	7·5	8·6
September . .	74·9	72·6	75·7	76·5	3·9	5·2	1·4	6·9	7·6
October . . .	70·4	65·3	72·1	73·8	8·5	8·0	1·7	10·9	13·2
November . .	65·4	58·9	67·8	69·3	10·4	7·5	1·2	9·0	13·2
December . .	65 7	59·4	68·1	69·5	10·1	5·5	1·0	8·5	12·3
Year . . .	69·2	64·7	70·7	72·5	7·8	11·1	4·1	13·2	17·6

50. SIRONCHA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	59·9	52·1	62·7	65·0	12·9	8·6	2·1	9·7	18·4
February . .	65·1	59·2	67·0	69·2	10·0	12·4	4·2	13·2	22·3
March . . .	71·2	67·4	73·0	73·3	5·9	16·3	6·9	13·8	24·5
April . . .	73·3	70·1	75·1	74·7	4·6	19·3	9·9	15·0	27·8
May . . .	74·0	70·7	75·7	75·6	4·9	23·9	15·0	20·8	32·2
June . . .	76·8	74·5	77·4	78·4	3·9	8·0	4·9	7·7	12·2
July . . .	75·7	73·2	76·0	77·9	4·7	4·2	1·7	3·6	5·9
August . . .	76·2	74·0	76·7	77·9	3·9	4·4	1·8	4·0	5·1
September . .	76·2	73·6	77·0	77·9	4·3	4·2	1·7	3·9	5·6
October . . .	72·9	68·9	74·5	75·3	6·4	8·2	2·5	7·6	12·7
November . .	67·8	62·6	70·0	70·7	8·1	7·4	2·0	6·9	12·2
December . .	68·1	63·0	69·9	71·3	8·3	5·6	1·8	6·4	11·6
Year . . .	71·4	67·4	72·9	73·9	6·5	10·2	4·5	9·4	15·9

51. CHIKALDA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	52·3	47·1	53·6	56·4	9·3	13·7	9·8	14·2	16·8
February . .	54·2	49·8	55·0	57·7	7·9	17·8	12·8	18·7	22·1
March . . .	57·8	53·1	59·0	61·3	8·2	16·8	12·4	16·7	21·3
April . . .	60·9	57·3	62·2	63·3	6·0	21·4	15·4	22·3	26·3
May . . .	62·9	59·0	64·5	65·2	6·2	21·6	15·0	21·0	28·7
June . . .	68·7	65·8	69·7	70·5	4·7	5·0	1·8	5·0	8·3
July . . .	66·8	64·8	66·9	68·7	3·9	1·8	0·4	0·7	1·8
August . . .	66·2	63·8	66·5	68·4	4·6	1·0	0·3	0·9	2·4
September . .	66·1	62·9	66·9	68·5	5·6	1·9	1·1	2·0	3·3
October . . .	61·3	56·9	63·1	63·7	6·8	9·0	7·8	11·1	10·8
November . .	58·4	53·5	60·3	61·3	7·8	9·5	6·6	10·7	11·4
December . .	57·9	53·6	59·8	60·2	6·6	7·5	4·8	8·3	10·7
Year . . .	61·1	57·3	62·3	63·8	6·5	10·6	7·4	11·0	13·7

52. BULDANA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	53·9	47·9	56·6	57·3	9·4	17·8	10·9	19·0	23·3
February . .	56·2	50·6	58·4	59·5	8·9	21·9	14·1	24·4	27·3
March . . .	60·6	56·8	62·3	62·7	5·9	21·0	13·8	21·9	27·3
April . . .	63·1	59·7	64·6	65·0	5·3	25·8	17·6	28·0	31·6
May . . .	66·3	63·4	68·5	67·0	3·6	23·9	14·9	23·8	32·8
June . . .	71·7	68·9	73·1	73·0	4·1	7·2	3·1	8·7	13·0
July . . .	70·9	68·3	72·0	72·5	4·2	4·1	1·6	4·9	5·5
August . . .	69·7	66·5	70·6	71·9	5·4	4·9	1·7	5·2	7·0
September . .	69·6	66·3	71·0	71·5	5·2	5·5	2·3	5·6	8·5
October . . .	64·0	60·3	66·7	65·1	4·8	12·7	7·2	13·9	17·8
November . .	60·7	55·7	63·3	63·2	7·5	12·0	6·5	14·6	16·5
December . .	60·3	55·3	62·7	62·9	7·6	9·7	5·7	12·7	15·9
Year . . .	63·9	60·0	65·8	66·0	6·0	13·9	8·3	15·2	18·9

53. AKOLA.

54. MAKHLA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	55.3	44.3	58.0	63.4	19.1	14.2	5.0	15.7	21.9	54.9	49.2	55.8	59.8	10.6	11.4	7.0	11.5	17.3
February . .	58.2	48.0	60.8	65.8	17.8	18.5	8.2	19.9	27.4	58.9	53.7	59.1	63.9	10.2	14.8	8.9	15.2	19.9
March . . .	63.6	57.7	65.5	67.7	10.0	20.8	10.9	22.1	29.5	62.2	57.2	62.9	66.5	9.3	16.2	9.2	14.9	20.5
April . . .	66.1	60.7	68.0	69.5	8.8	25.6	14.7	27.5	34.6	66.4	61.2	68.0	70.0	8.8	19.1	12.6	19.3	23.4
May . . .	69.1	64.3	71.4	71.6	7.3	26.6	17.1	26.9	35.9	70.0	64.5	71.9	73.6	9.1	17.7	11.0	18.0	23.5
June . . .	75.2	72.6	76.3	76.7	4.1	8.7	3.7	10.5	15.1	71.0	68.2	71.9	73.0	4.8	5.1	2.1	5.8	8.5
July . . .	74.3	71.5	75.2	76.3	4.8	4.4	1.4	5.4	7.2	68.8	66.6	68.7	71.0	4.4	1.9	0.9	1.1	1.8
August . . .	73.2	70.3	73.9	75.4	5.1	6.2	1.8	6.5	9.8	68.3	65.8	68.6	70.6	4.8	2.5	0.8	1.6	2.4
September . .	73.6	70.4	74.8	75.7	5.3	6.6	2.0	7.8	11.0	68.3	65.0	69.5	70.5	5.5	2.8	1.1	2.4	3.5
October . . .	67.1	61.7	70.4	69.2	7.5	11.7	2.9	15.0	21.2	63.9	59.5	65.6	66.7	7.2	8.9	5.0	9.8	10.3
November . .	63.2	56.2	66.3	67.2	11.0	10.7	2.8	12.9	19.2	60.5	55.8	61.6	64.2	8.4	9.1	4.5	9.0	11.4
December . .	63.6	56.4	66.2	68.3	11.9	7.7	2.5	9.2	15.8	60.2	56.2	61.2	63.3	7.1	6.4	3.3	7.4	10.4
Year . . .	66.9	61.2	68.9	70.6	9.4	13.5	6.1	15.0	20.7	64.5	60.2	65.4	67.8	7.5	9.7	5.5	9.7	12.7

55. DEESA.

56. BOMBAY.

MONTH.	Mean	Minimum.	10 hours.	16 hours.	Range	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	55.0	43.6	57.0	60.9	17.3	15.6	7.9	20.0	25.1	66.8	62.9	66.6	71.0	8.1	8.6	5.7	8.7	10.1
February . .	56.0	46.9	58.4	61.6	14.7	19.0	10.3	21.9	26.8	68.6	64.2	68.9	72.8	8.6	8.8	6.4	9.6	9.0
March . . .	63.0	56.6	63.8	65.3	8.9	17.7	9.1	20.2	26.6	72.2	70.1	73.3	73.1	3.0	7.3	4.2	8.0	9.6
April . . .	67.3	60.9	68.5	69.4	8.5	22.8	11.2	25.2	32.9	75.8	73.2	76.8	77.3	4.1	6.4	4.8	7.6	8.3
May . . .	72.4	67.9	73.6	72.3	4.4	20.1	9.0	18.8	33.3	77.4	75.6	78.2	78.5	2.9	6.7	4.4	8.0	8.5
June . . .	76.5*	74.1*	77.4	77.7	3.6	14.3	6.2	13.3	21.5	77.3	74.8	78.3	78.7	3.9	3.8	2.8	3.8	4.2
July . . .	?	Imperfect.	77.0	77.4	?	?	?	5.8	9.6	76.0	74.0	77.2	76.9	2.9	3.6	2.2	3.4	3.7
August . . .	73.8†	70.9†	75.1	75.8	4.9	5.4	2.7	5.2	8.3	74.8	73.0	75.8	75.7	2.7	3.9	2.4	3.8	4.5
September . .	72.8‡	69.5‡	74.3	74.8	5.3	9.6	2.6	11.0	18.2	75.2	73.4	76.4	75.8	2.4	4.3	2.8	4.6	5.6
October . . .	66.2§	61.9§	68.3	68.6	6.7	15.6	4.1	21.1	27.5	74.9	72.1	75.8	76.9	4.8	5.4	3.5	6.2	6.7
November . .	58.5§	51.0§	61.3	63.3	12.3	16.6	7.4	23.3	26.6	71.6	68.8	72.5	73.5	4.7	6.9	4.5	7.3	9.3
December . .	56.6‖	49.5‖	58.7	61.3	11 8	11.9	4.6	16.2	20.7	69.0	65.4	69.5	72.0	6.6	6.7	5.1	7.5	8.5
Year . . .	?	?	67.8	69.0	?	?	?	16.8	23.1	73.3	70.6	74.1	75.2	4.6	6.1	4.1	7.4	7.3

* Mean of 21 days.
† " " 25 "
‡ " " 28 "
§ Mean of 29 days.
‖ " " 30 "

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

57 POONA. 58 SHOLAPUR.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	55·8	46·4	56·1	59·6	13·2	16·3	4·4	18·2	25·7	57·3*	48·5*	60·6	63·0	14·5	15·8	6·4	16·7	24·0
February . .	59·3	51·2	58·9	62·1	10·9	20·3	6·6	22·9	29·6	61·3	52·9	63·9	67·2	14·3	19·3	9·8	20·6	27·4
March . . .	63·5	56·7	63·0	65·0	8·3	18·7	7·4	21·2	27·8	63·8‡	57·9‡	65·2†	68·3†	10·4	20·4	10·8	22·1	28·6
April . . .	67·4	62·8	66·8	67·6	4·8	18·7	7·7	23·8	29·1	69·0	64·3	70·9	72·0	7·7	21·3	11·1	22·9	29·7
May . . .	68·6	64·5	67·9	70·6	6·1	16·9	6·5	23·9	24·9	70·3§	66·7§	71·1	73·1	6·4	21·7	10·9	23·0	31·4
June . . .	71·3	69·3	72·5	72·1	2·8	6·5	2·8	8·5	8·7	72·5	70·1	73·2	74·2	4·1	8·0	2·3	9·8	14·4
July . . .	70·2	68·5	71·4	70·7	2·2	4·1	1·8	5·5	5·6	71·4	69·2	72·0	72·9	3·7	6·3	1·8	8·6	11·6
August . . .	68·9	66·6	70·1	70·1	3·5	3·4	1·4	5·9	6·4	70·6	67·7	71·4	72·8	5·1	6·4	1·5	8·1	11·2
September . .	68·8	65·9	70·2	70·3	4·4	4·7	1·5	8·1	8·0	70·9	68·0	71·9	72·9	4·9	6·1	1·6	7·2	11·5
October . . .	66·0	63·1	67·5	67·3	4·2	10·3	2·1	14·1	18·0	68·4	63·6	71·0	70·5	6·9	10·2	3·8	13·9	19·1
November . .	63·2	58·8	65·3	65·5	6·7	9·8	2·0	13·4	17·5	65·9§	60·5§	68·4	68·7	8·2	7·6	2·0	11·2	14·9
December . .	61·0	55·6	63·5	63·9	8·3	10·1	1·7	12·5	19·0	65·2*	58·9*	67·3	69·0	10·1	8·2	2·7	10·6	16·3
Year . . .	65·3	60·8	66·1	67·1	6·3	11·7	3·8	14·8	18·3	67·2	62·4	68·9	70·4	8·0	12·6	5·4	14·6	20·0

* Mean of 30 days.
† „ „ 24 „
‡ „ „ 23 „
§ „ „ 29 „

59 RATNAGIRI. 60 KARWAR.

MONTH.	Mean.	Minimum.	10 hours	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	65·1	57·3	65·9	72·1	14·8	12·6	6·9	19·1	11·9	66·8	61·6	67·4	71·4	9·8	8·6	3·2	9·4	13·2
February . .	69·2	62·1	71·6	73·9	11·8	10·5	6·4	14·0	11·1	72·0	67·9	72·6	75·6	7·7	6·8	2·0	8·6	9·7
March . . .	71·3	64·9	73·7	75·2	10·3	9·2	7·4	11·1	9·1	73·8	71·1	74·2	76·0	4·9	6·9	2·7	8·7	9·2
April . . .	76·0	73·2	77·2	77·6	4·4	7·8	4·4	10·1	9·0	77·1*	75·5*	77·5	78·4	2·9	7·2	3·8	8·5	9·0
May . . .	76·6	74·7	77·5	77·7	3·0	7·8	3·5	10·1	9·8	?	?	77·4	78·0	?	?	?	7·8	7·9
June . . .	75·6	72·9	77·0	76·8	3·9	3·7	2·2	4·7	4·5	?	?	77·0	77·2	?	?	?	3·5	3·7
July . . .	75·2	72·1	77·0	76·4	4·3	3·1	2·1	3·9	3·6	?	?	76·2	75·3	?	?	?	3·3	3·3
August . . .	74·4	71·1	76·1	76·0	4·9	2·8	2·0	3·7	3·5	?	?	75·2	75·4	?	?	?	3·8	4·1
September . .	74·2	70·7	76·2	75·8	5·1	3·5	2·2	5·4	5·4	74·8†	73·4†	75·3	75·5	2·1	3·4	1·6	4·1	4·9
October . . .	74·1	69·4	76·0	76·9	7·5	5·6	4·2	9·8	6·9	75·3	73·5	75·8	76·5	3·0	3·8	1·2	5·4	6·0
November . .	70·8	65·2	72·6	74·8	9·6	7·3	4·9	13·5	9·1	73·0	70·1	73·2	75·6	5·5	5·6	1·7	7·7	9·2
December . .	68·1	62·0	69·5	73·0	11·0	8·2	5·8	15·1	10·6	70·5	66·4	71·5	73·6	7·2	6·5	2·5	8·2	11·4
Year . . .	72·6	68·0	74·2	75·5	7·6	6·8	4·3	10·0	7·9	?	?	74·4	75·7	?	?	?	6·6	7·6

* Mean of 21 days.
† „ „ 20 „

61. BELGAUM. 62. SECUNDERABAD.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum	10 hours.	16 hours.
January . . .	57·0	51·1	58·2	59·5	8·4	14·8	4·6	16·9	23·7	61·0	53·5	62·4	67·0	13·5	9·0	2·7	11·7	16·5
February . . .	61·3	56·0	61·4	63·7	7·7	16·7	4·9	20·3	25·2	65·9	59·4	67·4	70·8	11·4	12·4	4·4	13·1	19·5
March . . .	Not recorded.									71·2	67·2	72·1	74·4	7·2	13·1	4·5	14·7	20·7
April . . .	69·6*	64·3	68·9	72·0*	7·7	10·4	3·1	17·1	15·3	73·1	70·7	73·6	75·1	4·4	14·2	4·6	16·6	22·4
May . . .	69·5	65·8	69·1	71·4	5·6	10·1	2·1	15·0	15·0	73·2	71·3	74·0	73·1	1·8	18·3	8·7	17·5	28·6
June . . .	68·7	66·4	69·9	69·8	3·4	2·5	1·1	3·5	3·7	73·0	70·8	73·5	74·7	3·9	6·5	2·2	7·7	11·7
July . . .	67·3	65·4	68·7	67·9	2·5	1·3	0·7	1·9	2·0	71·2	69·0	71·6	72·9	3·9	4·6	1·7	6·1	8·2
August . . .	66·5	63·8	67·9	67·9	4·1	1·7	0·6	3·4	3·2	70·9	68·5	71·5	72·8	4·3	4·8	1·6	6·3	7·5
September . .	66·9	63·6	68·5	68·6	5·0	2·9	0·5	5·3	5·3	71·1	68·7	71·9	72·6	3·9	4·7	1·4	6·8	8·3
October . . .	67·1	63·8	69·2	68·2	4·4	5·4	1·4	8·7	9·6	68·6	65·6	70·2	69·9	4·3	8·7	2·7	13·0	15·9
November . .	64·1	60·0	65·9	66·4	6·4	7·0	1·6	9·7	13·2	64·8	60·7	66·6	67·1	6·4	6·9	1·3	9·9	13·5
December . .	61·1	57·0	63·3	63·1	6·1	9·9	3·0	12·5	17·8	64·1	60·4	65·8	66·2	5·8	8·2	1·5	10·9	16·0
Year . . .	?	?	?	?	?	?	?	?	?	69·0	65·5	70·1	71·6	5·9	9·3	3·1	11·2	15·7

* Mean of 26 days.

63. VIZAGAPATAM. 64. BELLARY.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	65·0	60·4	66·8	67·9	7·5	9·8	5·2	8·6	10·8	60·6	52·8	64·0	65·2	12·4	11·7	6·0	13·9	20·3
February . .	68·8	63·9	70·0	72·6	8·7	9·1	5·4	8·5	8·8	63·5	56·5	66·3	67·7	11·2	15·7	7·5	16·7	24·3
March . . .	74·6	71·6	75·5	76·7	5·1	9·4	6·6	9·4	9·2	69·8	64·2	72·2	73·1	8·9	16·4	9·4	17·1	24·4
April . . .	76·5	73·3	77·7	78·5	5·2	10·0	8·0	10·1	9·1	73·3	68·7	75·9	75·4	6·7	14·3	7·0	15·0	22·9
May . . .	79·8	76·7	80·9	81·7	5·0	9·3	7·8	9·5	8·5	72·1	68·1	73·9	74·3	6·2	16·3	8·6	16·6	25·6
June . . .	77·5	74·7	78·5	79·4	4·7	8·8	7·6	8·4	8·4	72·1	69·2	73·3	73·8	4·6	10·0	6·0	11·4	15·3
July . . .	75·6	72·3	76·7	77·7	5·4	8·2	6·8	6·8	7·8	72·1	69·0	73·2	74·0	5·0	7·8	5·1	9·7	11·8
August . . .	77·0	74·1	78·3	78·6	4·5	8·0	6·2	7·3	7·9	72·5	69·6	73·1	74·7	5·1	7·6	3·0	8·7	12·8
September . .	76·7	73·7	77·9	78·6	4·9	8·2	6·7	7·3	7·8	72·5	69·5	73·3	74·7	5·2	6·4	2·5	7·8	10·9
October . . .	75·4	72·1	76·5	77·5	5·4	8·0	6·3	7·4	7·5	71·7	67·5	73·9	73·6	6·1	6·7	3·1	8·3	12·2
November . .	71·0	66·1	72·2	74·7	8·6	6·9	5·9	6·4	5·2	69·7	64·5	71·9	72·7	8·2	4·1	0·7	6·1	9·0
December .	69·1	65·2	70·5	71·7	6·5	8·9	6·0	8·6	8·7	67·7	61·4	70·3	71·5	10·1	5·7	1·3	7·8	12·1
Year . . .	73·9	70·3	75·1	76·3	6·0	8·7	6·5	8·2	8·3	69·8	65·1	71·8	72·6	7·5	10·2	5·0	11·6	16·8

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

65. MADRAS.

MONTH.	Mean.	Minimum.	8 hours.	14 hours	20 hours.	Range.	Difference, Dry and Wet Bulb.				
							Mean.	Minimum.	8 hours.	14 hours.	20 hours.
January . . .	69·6	Not recorded.	69·2	72·4	68·9	?	4·6	?	3·7	9·7	3·9
February . .	71·6		71·3	74·3	71·5	?	4·5	?	3·2	10·9	3·3
March . . .	76·1		76·4	77·6	76·6	?	5·4	?	3·9	10·2	4·1
April . . .	78·3		78·2	79·4	78·8	?	5·7	?	6·5	10·6	4·3
May . . .	80·1		78·7	81·3	81·5	?	7·3	?	10·3	13·0	4·4
June . . .	77·5		76·3	79·5	78·0	?	6·9	?	8·0	12·1	5·3
July . . .	76·6		75·4	78·0	77·6	?	6·2	?	6·4	13·1	3·9
August . . .	76·4		75·9	77·9	76·5	?	5·1	?	4·9	9·5	4·6
September . .	77·0		75·6	78·6	77·9	?	5·4	?	5·6	10·7	3·8
October . . .	76·8		76·6	78·5	76·6	?	4·4	?	4·7	9·8	3·2
November . .	74·6		74·3	76·4	74·4	?	3·6	?	3·3	7·6	3·1
December . .	73·1		72·8	75·5	72·2	?	4·0	?	3·5	8·7	4·1
Year . . .	75·6		75·1	77·5	75·9	?	5·3	?	5·3	10·5	4·0

66. SALEM.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	67·3	61·1	69·1	71·8	10·7	7·0	1·5	9·2	14·5
February	69·7	62·2	70·8	76·1	13·9	8·4	2·2	11·5	16·7
March	75·0	72·0	75·8	77·3	5·3	9·5	1·9	11·3	18·5
April	76·2	73·1	77·6	78·0	4·9	9·7	3·0	11·6	17·8
May	74·2	67·0	77·4	78·3	11·3	11·2	8·3	11·1	18·1
June	75·6	72·1	76·7	78·1	6·0	7·0	2·2	7·4	12·1
July	74·3	70·6	75·2	77·0	6·4	5·9	1·7	6·9	10·7
August	74·5	70·3	75·4	77·7	7·4	4·5	1·7	6·3	9·5
September	75·5	70·6	76·3	79·5	8·9	4·0	1·4	5·9	8·7
October	74·8	69·9	76·8	77·7	7·8	4·8	1·8	6·2	10·1
November	72·5	67·1	74·7	75·8	8·7	4·3	1·4	6·8	8·1
December	71·4	63·9	74·5	75·7	11·8	5·1	1·5	7·1	10·8
Year	73·4	68·3	75·0	76·9	8·6	6·8	2·4	8·4	13·0

67. MERCARA.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January . . .	?	Imperfect.	58·3	59·9	?	?	?	10·2	13·1
February . .	59·9	53·4	63·5	62·9	9·5	8·6	3·2	10·1	15·0
March . . .	65·1	58·2	67·6	69·6	11·4	5·3	1·1	8·1	8·9
April . . .	66·3	60·5	68·3	70·0	9·5	4·4	1·2	5·8	6·7
May . . .	66·5	61·8	68·1	69·7	7·9	4·8	2·7	4·9	5·0
June . . .	63·6	60·1	65·3	65·5	5·4	1·9	1·3	1·7	1·7
July . . .	62·0	58·0	63·8	64·3	6·3	1·3	1·5	1·4	1·6
August . . .	61·8	57·9	63·1	64·4	6·5	2·0	1·3	1·9	1·8
September . .	62·4	57·7	63·9	65·6	7·9	2·4	1·4	2·2	2·3
October . . .	63·9	57·8	65·8	68·2	10·4	3·2	1·5	3·4	4·2
November . .	63·3	57·0	64·9	68·0	11·0	3·9	1·3	3·9	5·2
December . .	60·4	55·3	61·6	64·4	9·1	5·1	1·4	5·1	6·4
Year . . .	?	?	64·5	66·0	?	?	?	4·9	6·0

68. TRICHINOPOLY.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	68·3	63·9	69·5	71·4	7·5	7·0	1·9	9·5	13·8
February	69·7	65·6	71·1	72·3	6·7	9·3	2·3	10·8	18·7
March	74·9	72·6	75·7	76·4	3·8	10·9	2·8	13·6	21·1
April	75·5	73·2	76·5	76·8	3·6	12·4	4·7	14·7	21·8
May	75·6	72·9	76·5	77·4	4·5	14·2	6·4	16·2	24·4
June	74·8	72·3	75·5	76·7	4·4	12·5	6·4	13·9	18·8
July	73·6	70·9	74·4	75·5	4·6	11·4	6·1	11·9	17·1
August	73·6	70·6	74·4	75·8	5·2	9·8	5·2	10·8	16·1
September	74·3	71·2	74·9	76·8	5·6	8·9	4·2	10·8	15·3
October	74·3	71·1	75·1	76·7	5·6	6·2	2·4	7·7	11·4
November	73·3	69·9	74·3	75·6	5·7	5·1	2·1	6·1	8·3
December	70·9	67·0	72·6	73·2	6·2	6·7	1·6	8·7	12·7
Year	73·2	70·1	74·2	75·4	5·3	9·5	3·8	11·2	16·6

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

69. COCHIN. 70 WELLINGTON.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	70·9	67·7	71·7	73·3	5·6	6·7	2·3	10·5	10·8	48·5	40·7	50·7	54·0	13·3	6·6	3·4	13·1	9·7
February . .	73·5	70·9	74·0	75·7	4·8	7·2	2·1	10·0	10·4	50·8	43·8	52·7	56·0	12·2	7·6	3·9	12·6	11·3
March . . .	77·5	74·9	78·1	79·3	4·4	5·9	1·9	8·8	9·0	56·2*	50·9*	58·6	59·3	8·4	6·2	2·5	10·0	9·9
April . . .	77·6	74·8	78·5	79·6	4·8	5·1	2·0	7·6	7·7	58·0†	53·6†	59·8	61·0	7·4	6·2	2·0	10·5	9·3
May . . .	77·9	75·6	78·7	79·4	3·8	4·6	1·6	6·6	7·5	59·0	54·1	61·2	61·7	7·6	7·2	3·8	11·7	9·9
June . . .	75·6	73·6	76·6	76·7	3·1	3·3	1·1	3·9	4·2	58·4	54·0	60·9	60·3	6·3	4·3	3·1	6·4	5·5
July . . .	74·2	72·1	75·3	75·3	3·2	3·3	1·0	4·2	4·1	56·8	52·2	59·2	58·9	6·7	5·6	4·2	6·9	6·6
August . . .	74·2	72·5	75·2	75·0	2·5	3·4	1·0	4·5	4·9	57·9	53·3	60·4	60·0	6·7	3·5	2·7	5·2	4·1
September . .	74·4	72·5	75·4	75·4	2·9	3·2	0·8	4·7	4·9	57·1	51·9	60·1	59·3	7·4	4·4	2·8	6·8	6·1
October . .	75·0	72·8	76·2	76·1	3·3	3·5	1·1	5·5	5·6	56·0‡	51·6‡	58·4	58·2	6·6	3·6	1·7	6·5	4·9
November . .	74·8	72·4	76·0	75·9	3·5	5·0	1·6	8·2	8·5	55·4	48·4	58·9	58·8	10·4	2·3	1·5	5·3	3·8
December . .	72·8	70·2	73·5	74·7	4·5	5·9	1·9	10·0	9·8	50·9	44·6	52·9	55·3	10·7	4·8	2·5	10·1	5·9
Year . . .	74·9	72·5	75·8	76·4	3·9	4·8	1·5	7·0	7·3	55·4	49·9	57·8	58·6	8·6	5·2	2·8	8·8	7·3

* Mean of 28 days.
† „ „ 27 „
‡ „ „ 30 „

71. AKYAB. 72. DIAMOND ISLAND.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Mini-mum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Mini-mum.	10 hours.	16 hours.						Mean.	Mini-mum.	10 hours.	16 hours.
January . . .	64·6	58·4	67·1	68·3	9·9	7·7	5·0	6·3	10·5	70·9	67·9	72·3	72·6	4·7	5·0	1·5	7·4	8·5
February . .	64·5*	57·5	67·0	69·1*	11·6	9·3	5·4	8·2	12·5	72·0	69·0	73·4	73·8	4·8	5·0	1·7	8·0	8·6
March . . .	72·9	68·1	75·0	75·7	7·6	7·7	5·2	8·3	9·0	74·3†	71·3	76·0	75·9	4·6	4·3	1·8	8·0	8·0
April . . .	76·8	72·5	79·1	78·7	6·2	7·8	5·8	9·4	9·9	76·4	73·2	78·1	77·8	4·6	4·9	2·5	8·4	8·3
May . . .	77·9	74·3	80·0	79·5	5·2	6·4	5·5	5·9	7·4	?	?	78·9	77·7	?	?	?	5·4	6·2
June . . .	78·1	74·5	79·8	79·9	5·4	3·4	4·8	2·5	3·4	76·0	72·7	78·0	77·4	4·7	1·7	0·6	4·3	4·1
July . . .	76·5†	73·2	78·4†	77·8	4·6	2·9	4·4	2·1	2·5	75·2	71·7	77·0	77·0	5·3	1·3	0·3	3·5	3·4
August . . .	77·2	73·6	79·0	78·9	5·3	3·3	4·9	2·2	3·0	75·6	72·7	77·0	77·0	4·3	2·1	0·6	4·1	4·3
September . .	77·9	74·3	79·9	79·3	5·0	4·2	5·2	3·7	4·2	75·4	72·5	77·1	76·8	4·3	2·1	0·4	3·6	4·2
October . .	77·1	73·6	79·4	78·3	4·7	5·0	4·8	4·2	5·4	75·4	72·2	77·6	76·3	4·1	2·6	0·8	4·9	6·0
November . .	71·6	66·3	73·7	74·7	8·4	5·6	5·1	5·2	5·8	73·8	70·5	75·3	75·5	5·0	4·4	1·9	6·9	7·8
December . .	63·3	56·1	65·9	67·8	11·7	7·5	5·9	6·5	9·1	69·7	66·2	71·3	71·5	5·3	5·8	2·7	7·9	9·5
Year . . .	73·2	68·5	75·4	75·7	7·1	5·9	5·2	5·4	6·9	?	?	76·0	75·8	?	?	?	6·0	6·6

* Mean of 27 days.
† „ „ 30 „

TABLE VIII.—TEMPERATURE OF EVAPORATION IN 1890.

73. RANGOON. 74. MERGUI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	69·7	64·9	71·7	72·5	7·6	5·3	2·4	7·5	12·6	70·7	63·5	73·1	75·6	12·1	4·8	1·3	9·0	9·3
February . .	71·1	66·7	72·9	73·8	7·1	6·9	2·1	8·4	15·4	73·1	66·2	75·4	77·8	11·6	4·9	1·5	7·7	9·4
March . . .	73·3	69·6	74·3	75·9	6·3	8·7	2·6	10·0	17·1	75·7	68·3	78·3	80·4	12·1	4·1	1·6	7·0	8·4
April . . .	76·1	73·7	76·9	77·6	3·9	8·6	3·2	11·0	14·9	77·4	70·1	79·4	82·6	12·5	3·6	1·6	6·8	6·4
May . . .	77·1	74·7	78·6	78·1	3·4	3·9	2·2	5·0	6·5	74·9	69·4	77·9	77·4	8·0	2·6	1·5	3·9	4·0
June . . .	76·8	74·7	78·1	77·7	3·0	2·2	1·7	2·8	3·2	74·4	68·7	77·1	77·3	8·6	2·5	1·5	4·1	4·6
July . . .	75·2	72·8	77·0	75·7	2·9	1·6	1·6	2·1	1·9	73·4	67·5	76·2	76·8	9·3	2·3	1·5	3·4	3·7
August . . .	75·9	73·6	77·7	76·5	2·9	2·1	1·6	2·5	2·8	74·2	68·2	77·2	77·2	9·0	2·0	1·5	3·6	3·5
September . .	76·8	74·4	78·1	78·0	3·6	2·4	1·3	3·5	4·5	73·3	67·9	75·6	76·4	8·5	2·1	1·5	2·9	3·4
October . . .	75·9	73·1	77·4	77·3	4·2	2·7	1·5	3·7	5·8	72·9	66·5	75·9	76·3	9·8	3·4	1·5	6·4	6·7
November . .	74·0	70·5	75·6	76·0	5·5	3·9	2·0	5·7	7·9	72·3	65·8	75·1	76·0	10·2	5·0	1·6	9·0	9·8
December . .	68·7	63·5	70·8	71·8	8·3	6·4	1·6	6·6	13·1	72·2	64·8	75·3	76·6	11·8	6·9	1·4	7·1	9·2
Year . . .	74·2	71·0	75·8	75·9	4·9	4·6	2·0	5·7	8·8	73·7	67·2	76·4	77·5	10·3	3·7	1·5	5·9	6·5

75. COCOS ISLAND. 76. PORT BLAIR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.				Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . . .	72·1	69·5	74·1	72·9	3·4	4·1	2·5	6·3	6·2	75·0	71·5	76·5	77·1	5·6	5·2	4·5	6·1	7·1
February . .	72·6	70·2	74·1	73·5	3·3	4·7	2·3	8·3	8·0	76·5	72·8	78·0	78·6	5·8	4·2	2·9	5·4	6·9
March . . .	74·9	72·6	76·1	75·8	3·2	4·3	1·8	8·5	8·8	77·6	73·6	78·9	80·2	6·6	4·9	3·2	6·9	9·1
April . . .	77·5*	75·5*	78·8*	78·4*	2·9	5·2	4·8	9·6	9·1	79·0	75·7	81·0	80·4	4·7	4·4	3·0	6·0	7·2
May . . .	77·6	74·8	79·6	78·4	3·6	3·6	0·9	6·5	5·7	77·9	74·6	79·7	79·5	4·9	3·5	2·6	4·3	5·0
June . . .	77·0	73·9	79·1	77·9	4·0	1·2	0·1	3·8	3·5	77·2	74·0	79·3	78·3	4·3	2·7	2·9	7·5	3·9
July . . .	76·2†	72·8†	77·9†	78·0†	5·2	1·5	0·1	3·8	4·1	76·5	73·2	78·1	78·2	5·0	3·7	3·4	5·0	5·5
August . . .	77·1	73·7	79·2	78·2	4·5	1·9	0·1	4·1	4·7	76·7	73·7	78·2	78·2	4·5	3·4	2·9	4·1	4·9
September . .	76·1*	72·3*	78·2*	77·2*	4·9	1·2	0	3·8	3·5	76·3	73·3	78·0	77·7	4·4	2·5	2·2	3·1	3·7
October . . .	76·1	73·2	78·3	76·9	3·7	1·7	0·1	4·5	4·1	76·9	73·6	78·8	78·3	4·7	2·9	2·5	3·9	4·4
November . .	75·1	72·7	77·5	75·3	2·6	2·6	1·7	5·6	5·4	76·9	73·4	78·9	78·5	5·1	4·0	3·0	5·2	6·3
December . .	71·1	68·3	73·1	71·9	3·6	3·8	2·1	8·2	6·4	74·7	71·1	76·6	76·4	5·3	5·0	3·4	6·2	8·2
Year . . .	75·3	72·5	77·2	76·2	3·7	3·0	1·1	6·1	5·8	76·8	73·4	78·5	78·5	5·1	3·9	3·0	5·3	6·0

* Mean of 28 days.
† " " 30 "

77. QUETTA.

78. LEH.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . .	35·4	29·2	36·7	40·3	11·1	7·4	2·0	9·4	12·4	21·8	12·7	22·0	30·6	17·9	3·9	1·2	5·2	5·4
February . .	35·9*	29·6*	37·4	40·9	11·3	7·9	3·1	9·4	12·5	22·8	14·4	23·0	31·1	16·7	5·1	1·4	5·1	4·3
March . .	40·4	33·7	43·1	44·3	10·6	8·2	3·1	11·7	14·3	26·5	18·2	26·7	34·5	16·3	5·4	1·7	7·7	6·4
April . . .	51·3	45·7	53·3	54·8	9·1	9·2	3·5	13·0	15·1	33·8	27·9	35·4	38·1	10·2	12·1	3·9	13·1	16·7
May . . .	51·5	45·4	53·9	55·1	9·7	14·8	4·8	22·2	26·4	36·7	31·4	38·8	40·0	8·6	11·6	4·9	13·2	17·3
June . . .	59·7	55·5	61·4	62·3	6·8	16·9	6·3	24·7	27·6	42·9	36·5	44·9	47·2	10·7	14·1	7·7	17·2	21·8
July . . .	63·5	61·8	64·2	64·5	2·7	15·7	4·1	21·7	26·0	51·9	45·6	54·3	55·8	10·2	11·7	7·2	14·2	18·5
August . . .	59·0	56·3	60·3	60·3	4·0	16·4	4·6	21·7	28·4	50·9	44·6	52·9	55·3	10·7	10·8	5·5	12·4	16·1
September . .	50·4	42·4	53·6	55·2	12·8	15·4	4·7	22·7	28·2	40·0	32·2	42·5	45·4	13·2	12·7	6·4	14·7	18·4
October . .	42·2	32·8	46·4	47·3	14·5	12·4	3·9	20·0	23·8	33·2	26·0	36·5	37·0	11·0	10·7	4·0	11·6	16·6
November . .	39·8	33·2	42·6	43·7	10·5	6·4	1·4	10·3	12·5	27·6	20·5	29·4	32·8	12·3	6·8	1·7	7·3	10·2
December . .	35·3	31·3	36·5	38·2	6·9	2·4	—0·5	4·0	4·8	20·5	14·3	22·4	24·7	10·4	3·2	1·0	4·4	4·3
Year . . .	47·0	41·4	49·1	50·6	9·2	11·1	3·4	15·9	19·3	34·1	27·0	35·7	39·4	12·4	9·0	3·9	10·5	13·0

* Mean of 27 days.

79. KATMANDU.

80. ADEN.

MONTH.	Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.				Mean.	Minimum.	10 hours.	16 hours.	Range.	DIFFERENCE, DRY AND WET BULB.			
						Mean.	Minimum.	10 hours.	16 hours.						Mean.	Minimum.	10 hours.	16 hours.
January . .	47·2	36·5	49·0	56·0	19·5	5·9	1·0	5·6	6·8	70·0	68·8	71·0	70·3	1·5	6·1	2·8	6·2	9·1
February . .	47·2	34·3	50·0	57·3	23·0	7·7	1·0	9·1	12·3	71·3*	70·0*	72·0	71·9	1·9	5·5	2·5	6·0	7·9
March . .	48·4	38·0	52·6	54·7	16·7	10·5	1·1	14·3	18·6	74·3†	72·5†	75·5†	74·9	2·4	5·2	2·8	4·9	7·0
April . . .	57·8§	49·9§	61·1	62·8	12·9	?	?	13·9	15·0	75·9‡	73·9	77·4	76·4‡	2·5	7·0	4·3	7·3	9·4
May . .	63·7	58·6	65·3	67·1	8·5	?	?	11·2	12·5	76·6†	74·4	78·2†	77·0	2·6	8·0	4·4	8·8	11·3
June . .	68·7	65·2	69·8	71·2	6·0	?	?	7·2	7·5	78·5	76·2	80·7	78·6	2·4	8·2	5·7	9·0	11·1
July . . .	69·8	66·5	71·0	71·8	5·3	?	?	6·6	5·6	75·6	72·7	77·3	76·5	3·8	8·0	5·8	8·0	10·4
August . . .	69·4	66·2	70·9	71·5	5·3	5·8	1·7	5·4	5·5	75·0†	72·9	76·7	75·7†	2·8	7·4	4·2	8·9	10·3
September . .	67·4	63·4	68·6	70·3	6·9	7·5	3·7	9·9	5·7	79·2	75·8	81·1	80·8	5·0	7·2	5·9	7·8	8·3
October . .	61·0	54·6	62·5	66·0	11·4	6·3	2·1	7·8	7·0	74·6	73·1	75·4	75·2	2·1	8·9	6·6	9·3	9·8
November . .	53·1	43·4	54·0	61·9	18·5	6·3	1·2	6·2	6·8	70·5‡	69·0‡	71·5‡	71·1‡	2·1	9·3	6·7	9·4	11·0
December . .	48·1	39·1	48·5	56·8	17·7	6·4	1·4	4·0	7·0	70·4†	69·0	71·4†	70·8	1·8	7·1	5·1	7·1	8·3
Year . . .	58·5	51·3	60·3	64·0	12·6	?	?	8·4	9·2	74·3	72·4	75·7	74·9	2·6	7·3	4·7	7·7	9·5

§ Mean of 29 days.

* Mean of 25 days.
† „ „ 30 „
‡ „ „ 29 „

81. ZANZIBAR

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	76·2*	75·2	76·8*	76·5	1·3	6·2	3·9	5·7	9·0
February	76·1	75·3	76·9	76·2	0·9	6·6	4·0	5·7	9·6
March	Not recorded.								
April									
May									
June									
July									
August									
September									
October									
November									
December									
Year									

* Mean of 30 days.

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890. (88 STATIONS).

	1. MURREE.				2. CHAMBA.				3. KAILANG.				4. SIMLA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·127	·120	·145	·114	·194	·195	·202	·184	·095	·093	·097	·095	·134*	·131	·154†	·113†
February	·126	·132	·137	·109	·217	·232	·205	·213	·112	·121	·123	·093	·133‡	·132	·153	·119‡
March	·164*	·170*	·182†	·140*	·234	·251	·214	·238	·118	·133	·127	·094	·163§	·166	·185*	·143‖
April	·205	·232	·267	·117	·283	·298	·237	·314	·187	·193	·216	·152	·223*	·222	·241*	·199
May	?	·249†	·259‡	?	·281†	·296	·243	·312†	·173	·173	·168	·177	·243‖	·252†	·258†	·215†
June	?	·432	·462	?	·460	·461	·448	·471	·227	·243	·202	·237	·407*	·433	·430*	·357
July	?	·577	·642	?	·747	·760	·766	·716	·381	·416	·373	·355	·540†	·545	·579†	·490
August	?	·545	·591	?	·723	·744	·753	·672	·379	·406	·393	·335	·519	·520	·568	·469
September	·345	·401	·437	·197	·566*	·562	·609	·515*	·224	·245	·213	·213	·402‖	·393*	·455‖	·343
October	·227§	·232	·254	·217§	·351	·359	·368	·326	·133*	·150	·116*	·132	·237	·237	·274	·201
November	·136	·167	·195	·048	·262	·272	·269	·245	·104	·098	·100	·112	·160	·159	·195	·125
December	·163	·165	·191	·134	·267	·271	·285	·245	·095	·100	·095	·091	·159‖	·158	·189	·131‖
Year	?	·285	·314	?	·382	·392	·383	·371	·186	·198	·185	·174	·277	·279	·307	·242

* Mean of 29 days.
† " " 30 "
‡ Mean of 27 days.
§ " " 26 "
‖ Mean of 28 days.

	5. PESHAWAR.				6. LAHORE.				7. LUDHIANA.				8. MOOLTAN.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·220	·238	·239	·185	·268	·283	·284	·238	·277	·290	·288	·252	·292	·256	·423	·196
February	·186	·206	·184	·171	·244	·269	·234	·229	·248	·253	·234	·256	·306	·279	·458	·181
March	·273	·301	·264	·253	·347	·380	·342	·320	·348	·360	·327	·357	·430	·423	·588	·280
April	·421	·446	·421	·396	·398	·412	·391	·392	·417	·405	·391	·454	·522	·529	·670	·367
May	·401	·430	·382	·391	·418	·434	·396	·424	·393*	·396	·343	·434*	·645*	·672	·829	·446*
June	·486	·513	·458	·488	·675	·713	·648	·665	·709	·738	·656	·734	·851	·882	·986	·686
July	·790	·837	·753	·779	·918	·939	·943	·873	·898	·904	·892	·897	·903	·926	1·024	·760
August	·792	·831	·787	·758	·863	·880	·878	·830	·842	·850	·843	·832	·855	·876	·994	·695
September	·513	·555	·498	·487	·644	·698	·607	·627	·648	·666	·609	·670	·809	·842	1·005	·579
October	·348	·373	·358	·312	·413	·411	·416	·411	·445	·470	·379	·486	·631*	·622*	·887*	·385
November	·287	·305	·306	·248	·317	·319	·333	·299	·313	·321	·302	·315	·393	·377	·541	·261
December	·289	·309	·303	·256	·348	·365	·370	·309	·344	·360	·353	·318	·323	·327	·384	·258
Year	·417	·445	·413	·394	·488	·509	·487	·468	·490	·501	·468	·500	·580	·484	·732	·425

* Mean of 30 days.

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

MONTH.	9. JACOBABAD.				10. KURRACHEE.				11. JEYPORE.				12. AJMERE.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·198	·207	·216	·172	·394	·376	·494	·312	·220	·220	·220	·220	·236	·255	·259	·195
February . .	·176	·176	·183	·170	·395	·397	·458	·331	·210	·211	·219	·201	·231	·237	·259	·195
March . . .	·225	·236	·201	·237	·608	·628	·658	·537	·338	·350	·334	·331	·329	·344	·338	·302
April . . .	·347	·364	·352	·326	·768	·803	·805	·695	·339	·346	·330	·341	·353	·358	·339	·362
May . . .	·356	·395	·301	·371	·857	·870	·903	·799	·385	·419	·356	·380	·474	·498	·455	·470
June . . .	·712	·790	·630	·716	·965	·975	·994	·926	·675	·698	·659	·669	·794	·822	·820	·735
July . . .	?	·860	·724	?	·908	·931	·925	·869	·810	·820	·811	·800	·888	·897	·941	·827
August . .	?	·842	·784	?	·854	·869	·867	·817	·788	·802	·797	·766	·766	·791	·797	·709
September . .	?	·720	·571	?	·791	·796	·827	·751	·647	·676	·633	·632	·635	·669	·638	·599
October . .	·361*	·420	·326	·336*	·698	·690	·759	·646	·410	·423	·396	·411	·447	·486	·474	·379
November . .	·284	·292	·286	·275	·405†	·382‡	·472†	·362‡	·313	·313	·343	·282	·376	·388	·449	·289
December . .	·350	·372	·351	·326	·434§	·443§	·480§	·380§	·318	·328	·347	·278	·339	·355	·377	·285
Year . . .	?	·473	·410	?	·673	680	·720	·619	·455	·467	·454	·443	·489	·508	·512	·446

* Mean of 25 days.

† Mean of 23 days.
‡ " " 24 "
§ " " 30 "

MONTH.	13. MOUNT ABU.				14. CHAKRATA.				15. RANIKHET.				16. PITHORAGARH.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	?	?	?	?	·155	·159	·172	·133	·176	·183	·209	·136	?	·255	·219	Wet min. not recorded.
February . .	·181	·179	·173	·190	·157	·163	·164	·145	·181	·198	·195	·150	?	·246	·208	Wet min. imperfect.
March . .	·258	·267	·269	·239	·179	·195	·185	·156	·188	·205	·212	·148	·209	·240	·195	·191
April . . .	·301	·318	·319	·266	·204	·217	·216	·179	·306	·343	·388	·188	·252	·278	·241	·236
May . .	·389*	·404*	·428*	·336*	·249	·229	·241	·278	·321	·369	·417	·176	·350	·381	·348	·320
June . . .	·634	·655	·658	·588	·433	·441	·465	·392	·479	·529	·566	·341	·570	·595	·602	·515
July . . .	·646	·654	·674	·610	·557	·573	.591	·506	·582	·607	·627	·512	·651	·669	·686	·599
August . .	·597	·599	·630	·561	·539	·565	·562	·490	·559	·590	·594	·494	·630	·652	·661	·577
September . .	·508	·498	·567	·460	·449	·473	·477	·398	·472	·490	·527	·398	·541	·577	·555	·492
October . .	·312	·308	·320	·308	·279	·284	·318	·234	·337	·353	·375	·283	·378	·423	·373	·338
November . .	·225	·218	·235	·222	·185	·178	·205	·170	·257	·278	·289	·204	·297	·341	·296	·253
December . .	·236	·232	·244	·231	·166	·175	·182	·141	·205	·222	·230	·162	·238	·278	·237	·198
Year . . .	?	?	?	?	·295	·304	·315	·269	·339	·364	·386	·266	?	·411	·385	?

* Mean of 25 days.

	17. DEHRA.				18. ROORKEE.				19. MEERUT.				20. AGRA.			
MONTH.	Mean.	9·30 hours.	15·30 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·268	·275	·280	·250	·277	·302	·279	·250	·272	·271	·276	·268	·246	·269	·250	·221
February . .	·246‡	·255	·242	·243‡	·240	·277	·200	·242	·224	·220	·192	·259	·236	265	·242	·201
March . .	·255	·277	·237	·251	·267	·284	·226	·291	·327	·323	·294	·365	·333	·351	·348	·299
April . . .	·312	·344	·292	·299	·310	·325	·252	·352	·336	·320	·271	·416	·333	·354	·325	·323
May . . .	·342*	·364	·307	·359*	·408	·418	·366	·439	·472	·461	·417	·537	·401	·436	·387	·389
June . . .	·626†	·643†	·622	·612	·713†	·737	·693	·691†	·740	·751	·691	·782	·723	·757	·735	·677
July . . .	·809	·818	·841	·767	·881	·902	·906	·836	·914	·913	·923	·907	·978	1·016	1·017	·900
August . .	·777	·797	·824	·730	·832	·844	·861	·791	·851	·849	·848	·856	·932	·962	·983	·852
September . .	·663	·676	·709	·607	·712	·755	·708	·673	·731	·740	·713	·741	·837	·860	·872	·780
October . .	·458	·486	·467	·422	·517	·549	·525	·476	·511	·524	·487	·523	·529	·564	·545	·479
November . .	·316	·328	·321	·299	·336	·371	·330	·305	·311	·308	·321	·303	·331	·350	·356	·287
December . .	·299*	·317	·303	·279*	·342	·364	·358	·303	·342	·340	·356	·329	·348†	·362*	·381*	·305†
Year . . .	·448	·465	·454	·426	·486	·511	·475	·471	·503	·502	·482	·524	·519	·546	·537	·476

* Mean of 30 days.
† " " 29 "

‡ Mean of 27 days.

	21. LUCKNOW.				22. ALLAHABAD.				23. GHAZIPUR.				24. NOWGONG.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·297	·333	·296	·262	·292	·326	·276	·274	·296	·379	·340	·164	·253	·260	·244	·256
February . .	·284	·305	·297	·251	·237	·254	·203	·255	·242	·336	·258	·129	·255	·246	·260	·260
March . .	·323	·328	·303	·337	·306	·324	·259	·334	·290	·387	·326	·154	·364	·365	·360	·367
April . . .	·331	·351	·288	·353	·300	·317	·255	·328	·365	·494	·404	·197	·399†	·409	·419†	·373
May . . .	·454*	·492	·395*	·458	·469	·515	·415	·478	·515	·641	·584	·319	·377	·387	·357	·389
June . . .	·781	·825	·757	·762	·800	·836	·776	·789	·761†	·876	·863	·531†	·726	·745	·705	·727
July . . .	·920	·952	·940	·870	·921	·932	·951	·879	·840	·975	·974	·574	·866	·870	·894	·833
August . .	·902	·927	·913	·866	·908	·941	·919	·864	·842	·991	·970	·566	·855	·860	·886	·819
September . .	·790	·842	·768	·762	·835	·864	·831	·809	·772	·916	·869	·531	·777	·785	·768	·780
October . .	·603	·634	·598	·578	·621	·657	·591	·615	·584	·727	·646	·381	·544	·575	·517	·539
November . .	·379	·397	·392	·346	·378	·410	·352	·372	·344	·457	·410	·165	·360	·370	·370	·339
December . .	·356	·382	·365	·321	·355	·378	·347	·340	·350	·412	·370	·268	·365	·371	·382	·343
Year . . .	·535	·564	·526	·514	·535	·563	·515	·528	·517	·633	·585	·332	·512	·520	·514	·502

* Mean of 30 days.
† " " 29 "

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

	25. SUTNA.				26. DURBHUNGA.				27. PATNA.				28. HAZARIBAGH.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·214	·235	·181	·227	·413	·449	·416	·373	·391	·416	·412	·346	·249	·262	·238	·247
February	·191*	·172*	·164*	·234	?	·348	·319‡	Dry min. imperfect.	·277	·283	·269	·280	·194	·202	·186	·195
March	·266	·268	·212	·318	?	·366	·323	Dry min. not recorded.	·335	·344	·315	·345	·278	·284	·249	·301
April	·239	·228	·178	·308	?	·648	·573		·487	·555	·439	·467	·260	·268	·209	·304
May	·313	·321	·226	·393	?	·825	·770§		·697	·757	·645	·688	·435	·456	·371	·477
June	·710	·731	·688	·711	?	·937	·962		·880	·904	·858	·878	·721	·745	·703	·715
July	·832†	·849†	·860†	·788	·952	·965	·963	·927	·934	·944	·978	·913	·792	·801	·812	·764
August	·836	·851	·859	·798	·937†	·956†	·955†	·902†	·933	·950	·952	·896	·790	·808	·808	·752
September	·780	·808	·770	·762	·914	·927	·899	·915	·896	·927	·893	·868	·730	·755	·720	·714
October	·530	·555	·470	·566	·755†	·779	·731†	·749	·711	·728	·683	·690	·555	·588	·551	·526
November	·308	·317	·282	·324	·510‖	·530‖	·507‖	·493‖	·441	·450	·438	·436	·353	·373	·351	·334
December	·325	·337	·324	·315	·439	·466	·446	·405	·395	·417†	·410†	·359†	·313	·326	·313	·301
Year	·462	·473	·435	·479	?	·683	·655	?	·615	·640	·608	·597	·472	·489	·459	·469

* Mean of 26 days.
† „ „ 30 „

‡ Mean of 27 days.
§ „ „ 20 „

‖ Mean of 28 days.

	29. DARJEELING.				30. PEDONG.				31. BERHAMPORE.				32. BURDWAN.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·217	·220*	·243	·189†	Not recorded.				·459	·496	·459	·421	·401	·418	·370	·415
February	·235	·249	·259	·198‡					·386	·410	·364	·385‡	·350‡	·341	·309	·400‡
March	·208	·208*	·239*	·176					·479	·514	·429	·495	·478†	·477	·384	·570†
April	·351§	·375‖	·388§	·298‖					·696	·805	·617	·666	·668	·743	·535	·726
May	·414‖	·436†	·451	·360*					·805	·882*	·764*	·761	·766	·830	·685	·783
June	·487¶	·513†	·525‖	·431¶					·943	·981	·964	·884	·903†	·916	·907	·883†
July	·513**	·536	·579‖	·461††					·962	·988	·991	·907	·919	·918	·932	·907
August	·475*	·523	·526*	·437	Imperfect.				·955	·988	·962	·916	·918	·917	·913	·924
September	·450‡‡	·483†	·483§	·396‖	·603	·634	·632	·543	·938	·965	·948	·899	·907	·912	·896	·912
October	·369§	·390	·415‡	·317*	·503	·538	·527	·443	·804	·828	·799	·785	·770	·776	·729	·805
November	·252‡	·269†	·291‖	·202‖	·370	·408‖	·382†	·320	·575	·601	·565	·560	·525	·546	·488	·541
December	·232	·238	·261	·197	·316	·347‡	·343‖	·257‖	·445	·463	·441	·430	·407	·399	·403	·421
Year	·350	·370	·388	·305	?	?	?	?	·704	·743	·692	676	·668	·683	·629	·691

* Mean of 30 days.
† „ „ 29 „
‡ „ „ 27 „

§ Mean of 26 days.
‖ „ „ 28 „
¶ „ „ 20 „

** Mean of 19 days.
†† „ „ 21 „
‡‡ „ „ 25 „

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

Month.	33 CALCUTTA (*Alipore*). Mean.	10 hours.	16 hours.	From Minima.	34. SAUGOR ISLAND. Mean.	10 hours.	16 hours.	From Minima.	35. DACCA. Mean.	10 hours.	16 hours.	From Minima.	36. CHITTAGONG. Mean.	10 hours.	16 hours.	From Minima.
January	·437	·476	·395	·439	·522	·578	·539	·450	·486	·520	·484*	·453	·512	·561	·522	·453
February	·433	·455	·374	·471	·600	·649	·610	·541	·456	·491	·419	·459†	·501	·543	·513	·447
March	·609	·675	·530	·622	·817	·846	·856	·750	·676	·742	·643	·643	·735	·779	·743	·682
April	·785	·833	·749	·772	·924	·959	·962	·852	·826	·870	·851	·757	·835	·864	·874	·768
May	·835	·886	·807	·811	·986	1·036	1·061	·861	·891	·938	·916	·818	·868	·896	·893	·816
June	·937	·961	·946	·905	1·011	1·052	1·053	·929	·952	1·006	·969	·881	·911	·922	·947	·864
July	·923	·937	·933	·899	·965	·986	1·005	·903	·938	·960	·958	·896	?	·900	·915	?
August	·922	·937	·929	·900	·966	·995	·981	·920	·935	·962	·948	·897	·869	·898	·912	·796
September	·911	·931	·917	·884	·966	·993	·985	·919	·927	·941	·937	·904	·894	·932	·922	·829
October	·792	·806	·780	·790	·855	·890	·863	·810	·796	·821	·803	·765	·843	·884	·865	·779
November	·556	·573	·535	·560	·615	·652	·614	·579	·563	·605	·557	·525	?	·697	·790	?
December	·438	·459	·402	·452	·535	·582	·552	·469	·462	·518	·458	·409	·473	·550	·517	·352
Year	·715	·744	·691	·709	·814	·852	·840	·749	·742	·781	·745	·701	?	·786	·777	?

* Mean of 30 days.
† " " 27 "

Month.	37. TURA. Mean.	10 hours.	16 hours.	From Minima.	38. DHUBRI. Mean.	10 hours.	16 hours.	From Minima.	39. SIBSAGAR. Mean.	10 hours.	16 hours.	From Minima.	40. SILCHAR. Mean.	10 hours.	16 hours.	From Minima.
January	?	·436	·444	Wet min. not recorded.	·453	·472	·464	·423	·465	·499	·498	·397	·470	·523	·471	·415
February	?	·398	·353		·388	·428	·339	·397	·491	·529	·522	·422	·460	·517	·446	·426
March	?	·450	·394		·417	·463	·338	·450	·531	·558	·556	·479	·625	·662	·641	·571
April	?	·680	·681		·684	·726	·671	·656*	·703	·719	·746	·645	·736	·779	·757	·671
May	?	·773	·817		·801	·814	·831	·758	·824	·866	·857	·748	·822	·870	·846	·749
June	?	·849*	·858*		·871	·886	·902	·824	·938	·970	·973	·870	·908	·940	·924	·859
July	?	·843	·851		·924	·939	·946	·886	·956	·982	·991	·896	·908	·920	·933	·872
August	?	·846	·862		·910	·935	·923	·873	·933	·951	·965	·884	·904	·922	·930	·859
September	?	·819	·830		·863	·879	·885	·823	·901	·935	·934	·833	·880	·902	·924	·818
October	?	·730	·742		·754	·760	·763	·727	·801	·827	·844	·732	·820	·864	·839	·757
November	?	·507	·527		·568	·602	·566	·537	·576	·629	·608	490	·559	·615	·581	·483
December	?	·425	·444		·454	·484	·463	·420	·451	·495	·486	·374	·459	·511	·477	·388
Year	?	·646	·650	?	·674	·699	·674	·648	·714	·747	·748	·648	·713	·752	·732	·656

* Mean of 29 days.

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

Month.	41. False Point.				42. Cuttack.				43. Sambalpur.				Raipur.			
	Mean.	10 hours.	16 hours	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·510	·547	·526	·458	·416	·441	·368	·439	·364	·421	·341	·330	·278	·302	·252	·281
February . .	·620	·664	·642	·555	·507	·541	·404	·567*	Not recorded.				·294	·301	·290	·290
March . .	·827	·845	·861	·776	·710	·732	·654†	·744	·570†	·658	·534†	·556	·391	·417	·365	·392
April . . .	·913	·920	·934	·886	·797‡	·762	·745	·830‡	·543§	·633‡	·525§	·506*	·367	·395	·332	·373
May . . .	·971	·997	1·037	·879	·867	·885	·864	·852	·617†	·698	·518	·601†	·389	·435	·348	·386
June . . .	·953	·979	·969	·908	·898	·921	·888	·885	·828	·840	·822	·822	·746	·782	·715	·741
July . . .	·905	·923	·939	·854	·862	·868	·869	·848	·850	·869	·877	·803	·797	·818	·814	·760
August . .	·917	·936	·940	·876	·888	·875	·910	·880	·865	·901	·882	·812	·811	·835	·827	·770
September . .	·910	·936	·923	·872	·882	·888	·878	·878	·865	·904	·872	·820	·814	·831	·829	·781
October . .	·835	·861	·839	·806	·784	·794	·757	·802	·708	·775	·694	·675	·583	·616	·529	·605
November . .	·626	·668	·624	·587	·573	·590	·555	·575	·494	·562	·475	·446	·456	·507	·410	·451
December . .	·590	·629	·618	·524	·517	·537	·482	·531	·449	·515	·440	·393	·445	·466	·435	·434
Year . . .	·798	·825	·821	·748	·725	·736	·698	·736	?	?	?	?	·531	·559	·512	·522

* Mean of 27 days.
† ,, ,, 29 ,,
‡ ,, ,, 25 ,,
§ ,, ,, 23 ,,

Month.	45. Khandwa.				46. Hoshangabad.				47. Jubbulpore.				48. Nagpur.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·230	·256	·242	·192	·277	·293	·289	·247	?	·275	·253	?	·280	·312	·286	·241
February . .	·286	·303	·319	·236	·273	·274	·297	·248	?	·268†	·260	?	·274	·288	·287	·247
March . .	?	·463	·438	?	·349	·369	·339	·339	?	·421	·391	?	·405	·443	·407	·366
April . . .	·369	·402	·386	·318	·427	·435	·461	·386	?	·381	·356	?	·453	·508	·489	·363
May . . .	·488	·555	·457	·451	·579	·624	·632	·481	?	·410	·348	?	·382	·418	·379	·349
June . . .	·787	·829	·792	·740	·835	·843	·847	·816	?	·784	·734	?	·745	·775	·733	·726
July . . .	·773	·790	·780	·750	·841	·851	·869	·803	?	·810	·815	?	·802	·834	·841	·730
August . .	·731	·745	·758	·689	·805	·814	·821*	·780	·800	·812	·817	·770	·791	·820	·824	·730
September . .	·719	·760	·730	·668	·780	·813	·786	·742	?	·794	·769	?	·777	·815	·805	·710
October . .	·481	·533	·430	·481	·574	·617	·560	·546	?	·596	·490	?	·545	·596	·523	·515
November . .	·379	·419	·377	·342	·423	·447	·456	·365	?	·443	·384	?	·464	·511	·456	·426
December . .	·421	·452	·425	·386	·437	·454	·467	·389	?	·417	·418	?	·500	·537	·515	·448
Year . . .	?	·542	·511	?	·550	·570	·569	·512	?	·534	·503	?	·535	·571	·545	·488

* Mean of 30 days.
† ,, ,, 27 ,,

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

Month.	49. Chanda.				50. Sironcha.				51. Chikalda.				52. Buldana.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·319	·344	·295	·319	·397	·448	·375	·366	·244	·252	·265	·214	·205	·227	·186	·203
February . .	·391	·415	·365	·393	·452	·486	·416	·454	·220	·222	·225	·214	·187	·190	·173	·199
March . .	·436	·442	3·99	·466	·570	·629	·498	·582	·290	·309	·297	·264	·273	·292	·233	·294
April . . .	·475	·497	·453	·479	·588	·670	·487	·607	·292	·304	·278	·295	·261	·261	·225	·298
May . . .	·490	·493	·485	·490	·542	·615	·454	·556	·330	·367	·291	·331	·352	·401	·252	·403
June . . .	·738	·743	·718	·755	·812	·837	·811	·790	·647	·672	·653	·615	·675	·705	·648	·671
July . . .	·778	·770	·769	·796	·840	·849	·878	·793	·650	·654	·685	·611	·709	·725	·730	·673
August .	·771	·760	·770	·783	·859	·869	·889	·819	·633	·640	·669	·591	·671	·686	·694	·632
September . .	·798	·796	·814	·785	·858	·881	·885	·808	·623	·640	·661	·567	·660	·692	·668	·619
October . .	·640	·648	·661	·611	·714	·756	·706	·681	·436	·456	·470	·382	·448	·495	·405	·444
November . .	·537	·566	·545	·499	·600	·650	·593	·558	·387	·406	·416	·338	·386	·404	·380	·373
December . .	·548	·578	·563	·503	·611	·652	·616	·564	·395	·421	·402	·362	·391	·418	·380	·374
Year . . .	·577	·588	·570	·573	·654	·695	·634	·632	·428	·445	·443	·399	·435	·458	·415	·432

Month.	53. Akola.				54. Deesa.				55. Bombay.				56. Poona.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·268	·280	·295	·230	·197	·205	·203	·184	·557	·538	·627	·506	·228	·229	·193	·263
February . .	·257	·270	·270	·232	·197	·206	·194	·191	·598	·581	·688	·524	·234	·216	·190	·297
March . .	·318	·334	·285	·335	·313	·327	·270	·343	·696	·715	·687	·685	·319	·314	·272	·372
April . . .	·308	·320	·260	·343	·346	·363	·279	·395	·802	·820	·829	·756	·386	·361	·316	·481
May . . .	·361	·410	·294	·378	·499	·579	·347	·571	·849	·859	·860	·828	·453	·387	·442	·531
June . . .	·746	·768	·718	·752	·727*	·764	·660	·756*	·890	·919	·925	·826	·687	·695	·682	·685
July . . .	·788	·801	·810	·754	?	·853	·812	Shade minimum imperfect.	·859	·890	·875	·811	·687	·703	·682	·676
August . .	·740	·750	·749	·721	·772†	·804	·783	·728†	·819	·843	·831	·783	·653	·663	·658	·638
September . .	·740	·759	·744	·717	·672‖	·703	·621	·691‖	·818	·850	·819	·786	·634	·638	·642	·621
October . .	·506	·556	·435	·527	·419‡	·418	·340	·500‡	·799	·814	·839	·744	·503	·497	·450	·561
November . .	·440	·477	·415	·428	·251‡	·235	·231	·286‡	·686	·704	·705	·650	·453	·464	·415	·480
December . .	.482	·526	·486	·433	·286§	·286	·272	·300§	·620	·627	·672	·562	·410	·436	·363	·431
Year . . .	·496	·521	·480	·488	?	·479	·418	?	·749	·763	·780	·705	·471	·467	·442	·503

* Mean of 21 days.
† " " 25 "
‡ Mean of 29 days.
§ " " 30 "
‖ Mean of 28 days.

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

Month.	57. Sholapur.				58. Ratnagiri.				59. Karwar.				60. Belgaum.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	·289*	·324	·278	·265*	·466	·385	·630	·382	·550	·547	·594	·509	·273	·280	·218	·320
February . .	·318	·340	·328	·285	·590	·597	·693	·479	·702	·689	·758	·658	·321	·294	·280	·390
March . .	·344†	·348‡	·336‡	·348†	·653	·683	·755	·521	·746	·730	·775	·733	Not recorded.			
April . . .	·453	·473	·415	·470	·796	·802	·824	·763	·839‖	·830	·852	·835‖	·554**	·497	·600**	·566
May . . .	·474§	·474	·424	·525§	·813	·807	·820	·813	?	·839	·854	?	·576	·527	·588	·613
June . . .	·690	·695	·665	·707	·837	·865	·863	·782	?	·883	·886	?	·669	·688	·683	·636
July . . .	·678	·680	·663	·692	·835	·877	·861	·767	?	·860	·835	?	·652	·677	·661	·617
August . .	·665	·667	·667	·660	·813	·852	·850	·737	?	·826	·826	?	·623	·640	·643	·585
September . .	·677	·693	·669	·669	·792	·834	·821	·722	·813¶	·822	·816	·802¶	·617	·633	·635	·582
October . .	·550	·587	·512	·552	·757	·773	·836	·661	·829	·829	·833	·825	·587	·609	·575	·578
November . .	·530§	·564	·517	·509§	·642	·623	·741	·563	·734	·718	·765	·720	·506	·522	·490	·506
December . .	·509*	·550	·508	·469*	·557	·522	·666	·483	·654	·666	·679	·618	·409	·431	·362	·433
Year . . .	·515	·533	·499	·513	·713	·718	·780	·639	?	·770	·789	?	?	?	?	?

* Mean of 30 days.
† " " 23 "
‡ " " 24 "
§ " " 29 "

‖ Mean of 21 days.
¶ " " 20 "

** Mean of 26 days.

Month.	61. Secunderabad.				62. Vizagapatam.				63. Bellary.				64. Madras.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	8 hours.	14 hours.	20 hours.
January . . .	·422	·426	·459	·380	·517	·550	·548	·454	·369*	·426	·369	·312*	·666	·667	·669	·658
February . .	·493	·509	·514	·455	·618	·628	·698	·527	·392†	·438	·374	·365†	·718	·726	·702	·729
March . . .	·606	·605	·594	·618	·746	·756	·801	·682	·535‡	·583	·509	·513‡	·830	·843	·813	·862
April . . .	·638	·622	·593	·698	·797	·817	·864	·711	·638§	·711	·588	·616§	·893	·879	·860	·928
May . . .	·572	·585	·459	·672	·909	·936	·975	·815	·579	·631	·525	·581	·928	·844	·898	1·017
June . . .	·725	·733	·715	·728	·840	·869	·896	·756	·655	·680	·643	·641	·854	·798	·848	·890
July . . .	·698	·697	·708	·689	·792	·828	·850	·697	·681	·699	·687	·658	·833	·794	·788	·896
August . . .	·695	·694	·712	·679	·836	·875	·878	·754	·700	·707	·704	·689	·833	·830	·838	·853
September . .	·695	·699	·698	·688	·829	·863	·884	·741	·713	·723	·723	·692	·858	·813	·838	·905
October . .	·575	·584	·538	·602	·801	·853	·850	·699	·685	·734	·682	·639	·864	·852	·847	·874
November . .	·521	·534	·503	·526	·693	·717	·797	·565	·670	·711	·690	·609	·810	·807	·816	·816
December . .	·494	·504	·455	·523	·617	·641	·666	·543	·601	·645	·627	·532	·764	·763	·765	·743
Year . . .	·594	·599	·579	·605	·750	·778	·809	·662	·602	·641	·593	·571	·821	·801	·807	·848

* Mean of 25 days.
† " " 26 "
‡ " " 20 "
§ " " 23 "

Month.	65. Salem.				66. Mercara.				67. Trichinopoly.				68. Cochin.				69. Wellington.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·568	·591	·590	·523	?	·374	·374	West min. imperfect.	·585	·597	·586	·572	·656	·639	·678	·650	·263	·244	·320	·226
February	·608	·605	·682	·536	·420	·472	·411	·378	·589	·618	·542	·606	·731	·711	·748	·734	·287	·275	·335	·250
March	·732	·740	·693	·764	·561	·585	·623	·475	·701	·707	·632	·765	·857	·847	·881	·844	·384*	·394	·405	·352*
April	·763	·792	·721	·775	·602	·627	·661	·518	·700	·714	·631	·755	·875	·875	·910	·840	·441†	·490	·441	·393†
May	·696	·791	·732	·566	·608	·633	·669	·523	·679	·695	·613	·729	·887	·892	·905	·865	·417	·419	·450	·383
June	·790	·812	·799	·759	·575	·606	·610	·509	·691	·695	·668	·709	·848	·867	·861	·816	·444	·471	·469	·393
July	·766	·781	·791	·727	·544	·577	·589	·467	·675	·694	·654	·676	·807	·821	·824	·776	·405	·432	·431	·351
August	·781	·801	·823	·720	·538	·558	·589	·468	·688	·707	·677	·681	·802	·814	·805	·787	·442	·471	·473	·381
September	·819	·827	·895	·734	·546	·573	·604	·463	·716	·722	·719	·708	·808	·818	·813	·792	·419	·452	·441	·363
October	·791	·841	·822	·710	·569	·599	·643	·465	·755	·769	·764	·731	·817	·832	·825	·794	·412‡	·430	·438	·369‡
November	·734	·772	·784	·647	·548	·567	·624	·453	·749	·768	·775	·704	·782	·789	·780	·777	·411	·443	·459	·331
December	·698	·762	·756	·577	·484	·492	·537	·423	·661	·686	·652	·644	·713	·697	·726	·716	·317	·302	·376	·274
Year	·729	·760	·757	·670	?	·555	·578	?	·682	·698	·658	·690	·799	·800	·813	·783	·387	·402	·420	·339

* Mean of 28 days.
† „ „ 27 „
‡ „ „ 30 „

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
70 Newera Eliya	·299	·353	?	?	·514	?	?	?	?	?	?	?	?
71 Kandy	·583	·639	·692	·713	?	·707	·689	·659	·662	·672	·714	·632	?
72 Jaffna	·712	·720	·905	·952	·980	1·014	·962	·951	·930	·865	·855	·768	·885
73 Trincomalee	·735	·854	·898	·947	·855	·831	·766	·820	·796	·820	·843	·789	·830
74 Batticaloa	·729	·730	·839	·887	·929	·926	·808	·859	·832	·832	·829	·786	·832
75 Galle	·871	·905	·939	·951	·985	·955	·931	·919	·938	·952	·893	·879	·927
76 Colombo	·691	·744	·819	·846	·877	·829	·792	·768	·789	·799	·790	·725	·789
77 Hambantota	·781	·827	·903	·910	·928	·890	·815	·799	·851	·867	·832	·804	·851

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

MONTH.	78. AKYAB.				79. DIAMOND ISLAND.				80. RANGOON.				81. MERGUI.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·524	·582	·559	·430	·683	·699	·687	·664	·633	·682	·630	·588	·678	·699	·762	·573
February	·504*	·561	·545*	·406	·709	·718	·721	·687	·653	·700	·630	·629	·744	·778	·829	·625
March	·721	·765	·773	·625	·774†	·791†	·791	·745	·693	·717	·670	·693	·825	·874	·929	·673
April	·814	·870	·851	·723	·827	·851	·844	·787	·772	·781	·747	·789	·890	·918	1·035	·716
May	·879	·949	·910	·776	?	·915	·870	?	·873	·910	·875	·834	·832	·907	·890	·701
June	·920	·988	·980	·792	·862	·905	·882	·798	·892	·927	·908	·841	·813	·880	·876	·682
July	·877†	·948†	·926	·759	·847	·883	·882	·776	·852	·903	·866	·786	·796	·861	·870	·655
August	·892	·964	·947	·765	·848	·877	·869	·798	·857	·915	·845	·811	·816	·887	·889	·673
September	·901	·975	·948	·781	·847	·884	·865	·793	·885	·918	·902	·834	·793	·849	·866	·665
October	·869	·951	·893	·763	·831	·883	·828	·783	·852	·895	·864	·796	·754	·809	·820	·631
November	·711	·767	·785	·581	·765	·790	·780	·724	·776	·813	·794	·722	·712	·753	·768	·615
December	·497	·554	·562	·376	·645	·663	·658	·611	·615	·667	·607	·570	·725	·784	·793	·597
Year	·759	·823	·807	·648	?	·822	·806	?	·779	·818	·778	·741	·782	·833	·861	·651

* Mean of 27 days.
† " " 30 "

MONTH.	82. COCOS ISLAND.				83. PORT BLAIR.				84. QUETTA.				85. LEH.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·726	·759	·728	·689	·797	·841	·835	·714	·125	·118	·114	·144	·091	·091	·129	·071
February	·723	·736	·722	·711	·848	·887	·887	·771	·126‡	·122	·120	·139‡	·099	·099	·140	·075
March	·780	·790	·774	·781	·865	·896	·912	·787	·148	·149	·132	·165	·107	·107	·147	·088
April	·854*	·857*	·849*	·855*	·924	·980	·943	·848	·265	·262	·259	·273	·100	·100	·086	·119
May	·890	·928	·896	·848	·908	·960	·941	·823	·184	·165	·134	·252	·121	·121	·100	·139
June	·900	·948	·915	·838	·892	·954	·921	·801	·295	·261	·247	·378	·147	·147	·137	·152
July	·876†	·909†	·906†	·813†	·855	·895	·893	·775	·394	·358	·308	·517	·277	·277	·286	·246
August	·905	·950	·923	·832	·868	·911	·900	·794	·297	·278	·202	·411	·283	·283	·300	·252
September	·870*	·934*	·892*	·794*	·871	·920	·902	·792	·162	·151	·112	·223	·147	·147	·153	·134
October	·866	·909	·871	·819	·879	·933	·908	·797	·103	·096*	·065*	·148	·103	·103	·083	·109
November	·821	·865	·804	·794	·865	·916	·893	·785	·163	·159	·149	·182	·102	·102	·103	·098
December	·695	·721	·702	·668	·787	·835	·804	·721	·176	·173	·179	·176	·088	·088	·100	·077
Year	·826	·859	·832	·787	·863	·911	·895	·782	·203	·191	·168	·251	·139	·139	·147	·130

* Mean of 28 days.
† " " 30 "
‡ " " 27 "

TABLE IX.—TENSION OF ATMOSPHERIC VAPOUR IN 1890.

Month.	86. Katmandu.				87. Aden				88. Zanzibar.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·290	·284	·378	·211	·656	·680	·619	·668	·822†	·848†	·794	·825
February	·261	·259	·334	·189	·695‡	·707	·679	·695‡	·817	·851	·777	·823
March	·225	·235	·217	·219	·787†	·821†	·774	·765†	Not recorded.			
April	?	·384	·405	?	·805*	·846	·787*	·783				
May	?	·500	·525	?	·811†	·850†	·782	·798				
June	?	·648	·679	?	·865	·927	·834	·834				
July	?	·690	·717	?	·781	·836	·777	·729				
August	·675	·684	·712	·628	·767†	·802	·755†	·756				
September	·615*	·624	·679	·540*	·906	·959	·941	·817				
October	·485†	·479	·563	·412†	·747	·764	·744	·733				
November	·366	·348	·479	·272	·628*	·648*	·615*	·621*				
December	·304	·297	·389	·226	·654†	·677†	·643	·640				
Year	?	·453	·506	?	·759	·793	·746	·737	...	...	...	...

* Mean of 29 days.
† „ „ 30 „
‡ „ „ 25 „

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890. (88 STATIONS).

MONTH.	1. MURREE.				2. CHAMBA.				3. KAÎLANG.				4. SIMLA.				5. PESHAWAR.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	45	40	46	50	50	49	38	62	62	53	47	87	45*	40	45†	47†	55	54	40	70
February .	45	43	42	50	52	55	36	66	76	73	65	89	42‡	40	42	47‡	41	39	27	58
March .	52*	50*	51†	56*	50	49	32	68	74	71	63	88	47§	46	46*	53‖	50	47	35	69
April .	44	48	49	37	42	36	27	63	70	62	65	83	44*	40	39*	52	53	50	39	70
May .	?	35†	34‡	?	33†	29	20	50†	53	43	41	75	37‖	36†	32†	45†	38	32	25	56
June .	?	52	47	?	44	38	33	61	50	42	30	78	63*	62	58*	68	34	31	22	49
July .	?	86	85	?	79	77	70	92	68	63	55	87	92†	90	90†	93	58	57	42	77
August .	?	84	86	?	83	81	75	92	71	63	61	89	93	90	94	95	69	68	53	85
September	53	58	59	41	69*	64	56	85*	57	51	41	81	74‖	69*	73‖	78	47	44	30	66
October .	45§	43	44	56§	56	52	42	76	47*	38	29*	74	51	48	49	56	46	40	31	66
November	38	45	52	18	56	54	44	71	53	44	38	77	41	38	44	42	58	55	45	73
December	73	67	73	81	73	72	65	83	68	62	61	82	54‖	48	57	56‖	74	74	63	86
Year .	?	54	56	?	57	55	45	72	63	56	50	83	57	54	56	61	52	49	38	69

* Mean of 29 days.
† „ „ 30 „
‡ „ „ 27 „

§ Mean of 26 days.
‖ „ „ 28 „

MONTHS.	6. LAHORE.				7. LUDHIANA.				8. MOOLTAN.				9. JACOBABAD.				10. KURRACHEE.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	61	53	39	89	61	56	42	86	56	50	52	64	39	35	24	58	56	49	52	66
February .	51	44	28	79	49	40	28	78	50	49	49	53	30	25	18	48	51	47	46	61
March .	55	49	35	78	53	45	35	79	54	54	50	58	28	24	15	46	67	63	62	76
April .	42	32	27	62	42	31	26	68	44	44	38	50	28	23	19	42	72	68	64	85
May .	33	25	20	51	30*	24	17	48*	41*	42	35	47*	24	21	12	38	73	67	68	84
June .	50	47	35	63	53	51	38	72	49	50	41	56	40	40	23	56	72	67	67	82
July .	76	72	65	87	75	72	63	91	58	60	51	64	?	53	35	?	76	74	72	83
August .	78	72	65	91	74	70	62	90	64	64	59	69	?	59	45	?	82	80	78	88
September	57	50	35	80	57	50	40	81	59	61	52	63	?	49	28	?	74	69	70	84
October .	51	36	30	79	54	43	29	89	57*	56*	54*	60	38†	32	19	63†	68	60	63	81
November	59	46	41	87	56	44	34	91	59	58	56	63	46	39	31	68	48‡	40§	42‡	62§
December	81	76	66	97	75	71	60	95	70	70	63	76	72	68	55	94	70	69	61	81
Year .	58	50	41	79	57	50	40	81	55	55	50	60	?	39	27	?	68	63	62	78

* Mean of 30 days.
‡ „ „ 23 „

† Mean of 25 days.
§ „ „ 24 „

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890.

	11. JEYPORE.				12. AJMERE.				13. MOUNT ABU.				14. CHAKRATA.				15. RANIKHET.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	38	30	23	67	43	40	27	62	?	?	?	?	50	45	51	54	52	52	53	52
February .	33	25	20	51	36	31	25	51	30	27	24	42	47	41	42	57	52	53	46	56
March .	41	36	27	59	38	36	27	51	38	38	33	46	50	49	46	56	49	50	46	51
April .	28	22	17	44	29	24	19	43	32	32	28	39	39	36	36	45	48	50	49	46
May .	26	23	16	38	33	31	23	45	39*	40*	34*	46*	41	51	34	37	47	46	48	46
June .	52	48	40	65	58	59	46	69	75	75	66	87	68	63	64	76	73	72	68	78
July .	75	71	65	86	81	81	72	90	95	97	92	99	94	91	93	97	88	88	86	90
August .	76	71	64	90	75	77	67	82	94	95	93	98	93	90	93	97	88	88	86	89
September	61	53	43	80	56	56	44	69	73	64	70	78	83	81	81	88	76	74	75	79
October .	44	33	27	67	43	40	32	58	42	36	35	50	59	53	58	66	62	59	59	69
November	43	33	32	63	51	45	41	67	37	30	31	44	49	40	49	59	58	56	55	62
December	58	49	43	74	62	60	49	76	49	41	42	58	55	48	56	61	57	56	58	58
Year .	48	41	35	65	50	48	39	64	?	?	?	?	61	57	57	66	63	62	61	65

* Mean of 25 days.

	16. PITHORAGARH.				17. DEHRA.				18. ROORKEE				19. MEERUT.				20. AGRA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	9-30 hours.	15-30 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	?	63	45	Wet min. not recorded.	61	59	44	79	61	61	38	84	59	53	36	87	45	44	27	63
February .	?	56	39	Wet min. Imperfect.	48	45	31	69	46	47	23	69	44	34	21	76	36	35	22	50
March .	45	45	34	56	42	41	26	60	41	35	22	67	48	38	29	78	38	36	27	52
April .	38	36	29	48	34	32	22	48	31	24	16	54	33	23	16	61	26	23	16	39
May .	48	45	40	60	32*	29	19	47*	33	27	19	52	38	30	23	61	24	23	16	34
June .	76	77	65	85	60†	60†	46	73	57†	56	41	72†	59	55	44	79	51	51	44	60
July .	88	88	81	94	88	85	85	94	79	78	70	91	82	77	72	96	85	84	79	92
August .	86	86	78	94	85	84	79	93	77	76	67	88	78	74	66	93	82	79	76	91
September	79	80	68	89	76	67	76	74	70	67	55	87	70	64	54	91	72	67	62	87
October .	64	66	48	79	63	60	48	79	61	55	44	84	60	51	38	90	52	47	38	72
November	62	66	45	75	58	54	42	77	59	52	38	85	55	45	37	83	48	43	33	68
December	62	68	48	69	67*	67	50	85*	73	74	55	89	71	64	55	95	60†	57*	45*	78†
Year .	?	65	52	?	60	57	47	73	57	52	41	77	58	51	41	83	52	49	41	66

* Mean of 30 days.
† ,, ,, 29 ,,

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TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890.

MONTH.	21. LUCKNOW.				22. ALLAHABAD.				23. GHAZIPUR.				24. NOWGONG.				25. SUTNA.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	57	53	35	81	56	51	30	86	47	56	42	43	52	44	27	85	43	35	20	74
February .	46	40	28	71	40	31	18	70	32	41	25	32	43	33	24	72	32‡	21	16‡	60
March .	40	32	23	64	35	30	19	60	29	36	25	25	42	35	27	64	32	26	16	55
April .	29	24	15	48	25	19	13	42	25	31	22	23	33†	26	22†	47	22	16	10	41
May .	33*	30	19*	48	33	31	19	48	33	40	30	32	24	21	16	36	23	18	11	39
June .	63	61	53	73	62	61	52	74	59†	65	59	50†	56	54	47	67	60	55	51	73
July .	84	83	79	90	85	83	78	93	75	85	81	58	85	83	80	92	85‡	82‡	80‡	92
August .	79	76	71	90	81	79	74	90	74	84	81	57	83	79	77	89	82	79	76	92
September	72	69	59	87	76	72	65	90	67	75	70	55	74	69	62	91	79	74	68	95
October .	64	57	47	89	65	59	44	91	56	65	55	48	61	54	41	89	61	50	39	94
November	59	47	40	88	58	48	34	92	44	53	44	35	89	47	39	58	49	37	28	83
December	65	60	46	90	62	54	39	93	57	58	46	66	64	56	45	92	55	45	36	85
Year .	58	53	43	77	56	52	40	77	50	57	48	44	59	50	42	74	52	45	38	74

* Mean of 30 days.
† Mean of 29 days.
‡ Mean of 26 days.

MONTH.	26. DURBHUNGA.				27. PATNA.				28. HAZARIBAGH.				29. DARJEELING.				30. PEDONG.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	68	68	49	88	66	62	50	87	44	38	30	63	86§	84‡	87	89‖	Not recorded.			
February .	?	46	30*	Dry min. imperfect.	43	35	26	68	29	25	18	43	80*	79	76	86*				
March .	?	36	25	Dry min. *not* recorded.	37	32	24	54	34	29	22	50	60‖	53‡	60‡	67				
April .	?	51	36	Do.	41	41	26	56	23	20	13	37	80¶	79§	79¶	81§				
May .	?	64	49†	Do.	56	55	39	75	38	33	24	56	90§	91‖	88	92‡				
June .	?	77	71	Do.	73	70	61	89	69	66	59	82	96†	96‖	94§	97†				
July .	87	84	79	98	85	83	78	93	86	84	81	95	97**	50	60§	99††				
August .	87‡	82‡	80‡	98‡	85	83	79	92	86	83	80	95	95‡	95	95*	96				
September	82	78	71	97	79	77	72	89	79	75	68	92	92‡‡	93‖	92¶	93§	88	86	86	93
October .	78‡	72	63‡	94	73	67	59	91	67	64	56	82	86¶	84	87*	89‡	84	81	81	90
November	70§	61§	51§	97§	62	53	46	86	53	49	40	71	74*	70‖	81§	76§	80	75§	77§	88
December	74	69	54	98	67	62§	51§	88§	55	50	41	74	90	86	91	94	84	79*	92§	80§
Year .	?	66	55	?	64	60	51	81	55	51	44	70	86	80	83	88	?	?	?	?

*Mean of 27 days.
† ,, ,, 20 ,,

‡ Mean of 30 days.
§ ,, ,, 28 ,,
‖ ,, ,, 29 ,,
¶ ,, ,, 26 ,,

** Mean of 19 days.
†† ,, ,, 21 ,,
‡‡ ,, ,, 25 ,,

MONTH.	31. BERHAMPORE.				32. BURDWAN.				33. CALCUTTA (*Alipore*).				34. SAUGOR ISLAND.				35. DACCA.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	73	73	51	96	63	60	39	91	68	65	43	95	74	75	62	84	73	69	53†	97
February .	55	50	32	84*	50*	40	26	84*	59	53	33	91	74	74	62	85	62	56	37	92*
March .	51	48	38	74	49‡	42	26	78‡	60	60	38	81	76	75	73	80	68	67	50	88
April .	59	64	37	77	55	55	31	78	66	63	50	84	76	73	73	81	76	73	62	92
May .	68	69†	50†	84	61	61	42	80	70	67	55	87	77	74	75	83	82	77	74	95
June .	82	79	75	92	78‡	74	69	90‡	83	77	77	94	82	81	81	86	87	84	82	95
July .	89	86	84	97	82	79	75	91	86	83	80	95	86	85	84	87	89	87	83	97
August .	87	88	80	95	82	79	74	93	87	82	81	97	85	83	81	91	88	85	84	94
September	85	84	79	94	81	77	74	93	86	80	80	96	85	83	81	90	82	77	76	90
October .	81	78	71	95	76	72	63	92	81	75	71	96	83	80	77	91	78	74	71	90
November	74	70	59	95	67	63	48	90	72	65	54	97	74	71	63	89	69	65	54	89
December	71	66	52	95	63	54	44	91	67	61	44	97	74	73	62	86	70	70	53	88
Year .	73	71	59	90	67	63	51	88	74	69	59	93	79	77	73	86	77	74	65	92

* Mean of 27 days.
† " " 30 "
‡ " " 29 "

MONTH.	36. CHITTAGONG.				37. TURA.				38. DHUBRI.				39. SIBSAGAR.				40. SILCHAR.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	76	75	60	93	?	70	61	Wet min. not recorded.	78	81	59	95	89	96	71	99	74	77	52	93
February .	67	62	49	90	?	52	39		61	64	33	86	82	86	62	98	66	66	40	92
March .	76	71	65	91	?	49	35		50	51	26	74	79	79	63	96	76	74	61	92
April .	78	71	71	91	?	68	60		74	75	58	88	81	79	68	95	78	78	65	92
May .	78	73	71	90	?	78	74		80	80	70	90	80	79	68	94	78	78	66	92
June .	83	78	80	92	?	86*	79*		90	90	85	95	88	90	77	96	86	82	81	95
July .	?	86	85	Imperfect.	?	85	80		89	89	85	94	86	87	76	95	85	82	77	95
August .	88	83	84	98	?	87	83		89	89	85	94	86	87	76	94	86	83	80	95
September	83	81	80	89	?	83	83		87	87	81	92	85	85	76	95	82	79	72	93
October .	83	80	77	91	?	79	78		81	81	72	92	86	84	77	97	81	80	68	94
November	?	77	72	Imperfect.	?	66	59		79	80	60	95	86	90	68	99	72	72	53	92
December	68	75	62	68	?	64	62		78	81	59	94	89	97	73	98	76	79	54	94
Year .	?	76	71	?	?	72	61	?	78	79	64	91	85	87	71	96	80	78	64	94

* Mean of 29 days.

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890.

	41. FALSE POINT.				42. CUTTACK.				43. SAMBALPUR.				44. RAIPUR.				45. KHANDWA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	72	64	56	95	58	53	33	88	57	61	32	78	43	38	24	67	35	29	21	55
February .	75	67	61	97	57	54	28	90*	Not recorded.				35	30	21	53	34	29	22	49
March .	79	71	74	93	63	58	43‡	88	54‡	56	36‡	74	37	35	24	53	?	37	27	?
April .	78	71	74	90	60	51	43	85†	45*	45*	35*	55*	29	25	19	41	27	25	19	36
May .	80	73	77	91	61	55	47	81	41‡	41	24	56‡	24	22	16	35	32	33	20	42
June .	81	78	77	89	74	68	66	88	67	64	59	77	66	66	51	80	66	67	53	78
July . .	84	81	81	91	78	73	72	89	85	84	81	89	84	83	77	91	77	77	67	86
August .	84	80	79	93	79	72	72	92	84	84	78	90	83	83	74	92	76	76	69	82
September	83	78	76	93	79	72	73	92	79	77	73	88	81	76	76	92	69	71	59	78
October .	81	75	75	94	74	67	63	92	70	67	58	86	61	55	43	84	50	45	31	74
November	76	68	63	96	67	60	51	90	60	61	43	77	60	57	39	84	48	42	30	72
December	76	67	64	97	63	58	42	90	57	58	40	73	60	55	42	84	57	51	37	83
Year .	79	73	71	93	68	62	53	89	?	?	?	?	55	52	42	71	?	49	38	?

* Mean of 27 days.
† „ „ 25 „
‡ Mean of 29 days.

	46 HOSHANGABAD.				47. JUBBULPUR				48 NAGPUR.				49. CHANDA.				50. SIRONCHA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	47	46	27	68	?	44	24	?	41	39	25	58	54	45	26	91	58	56	32	87
February .	36	33	23	52	?	33†	22	?	31	28	20	46	48	40	24	80	51	48	28	78
March .	35	32	22	51	?	41	29	?	36	33	24	49	40	34	22	64	50	51	29	69
April .	32	29	22	45	?	26	20	?	32	31	26	40	34	31	21	51	43	48	24	59
May .	35	35	27	44	?	22	16	?	22	20	15	30	28	24	18	42	34	37	20	45
June .	70	70	56	85	?	64	53	?	64	63	51	78	63	59	51	81	71	72	60	80
July . .	87	88	78	95	?	85	79	?	83	83	78	87	80	74	73	92	85	85	77	93
August .	85	85	77*	94	85	85	78	94	80	78	74	87	75	69	66	91	85	83	79	92
September	79	77	67	92	?	75	71	?	78	75	73	86	78	72	70	93	84	84	78	92
October .	62	57	44	84	?	58	42	?	56	52	41	75	66	57	51	91	70	69	54	88
November	56	53	41	74	?	56	37	?	59	56	42	78	68	61	49	93	71	69	53	89
December	62	60	45	81	?	58	44	?	67	65	53	83	70	63	52	94	72	71	55	90
Year .	57	55	44	72	?	54	43	?	54	52	44	66	59	52	44	80	65	64	49	80

* Mean of 30 days.
† „ „ 27 „

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890.

	51. CHIKALDA.				52. BULDANA.				53. AKOLA.				54. DEESA.				55. BOMBAY.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	37	37	32	46	28	25	18	40	41	33	24	65	29	23	16	47	64‖	61	59	71
February .	28	27	22	38	21	17	14	32	31	26	17	51	25	20	14	40	64	60	63	69
March .	34	36	27	43	27	25	16	40	31	27	17	49	33	28	18	54	70	67	62	81
April .	27	27	21	38	22	18	14	33	24	20	12	40	29	24	14	50	72	69	68	79
May .	28	31	19	39	28	27	14	42	23	23	12	35	39	39	15	62	72	69	67	81
June .	79	79	69	91	69	66	54	86	65	61	51	84	54*	54	36	72* Shade min. imperfect.	84	84	82	87
July .	91	96	92	97	83	79	77	92	81	77	72	93	?	76	64		86	85	84	90
August .	95	95	89	98	80	77	71	91	76	73	63	92	78†	78	68	89†	85	84	81	89
September	91	91	85	94	76	76	66	87	72	68	59	90	62‡	58	40	88‡	81	81	76	87
October .	59	54	55	61	50	48	36	65	53	45	30	84	40§	30	20	75§	77	74	73	84
November	56	54	52	64	49	43	38	65	55	48	34	83	32§	20	17	59§	70	69	63	79
December	62	62	54	73	52	48	39	68	62	60	42	85	43‖	33	25	69‖	69	67	65	75
Year .	57	57	51	65	49	46	38	62	51	47	36	71	?	40	28	?	75	73	70	81

* Mean of 21 days.
† „ „ 25 „
‡ „ „ 28 „
§ Mean of 29 days.
‖ „ „ 30 „

	56. POONA.				57. SHOLAPUR.				58. RATNAGIRI.				59. KARWAR.				60. BELGAUM.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	38	27	16	70	39*	34	22	61*	50	33	54	64	64‖	60	50	83	41	32	19	72
February .	32	20	13	62	33	29	20	50	58	49	58	68	71	65	62	90	40	27	21	73
March .	36	27	18	63	32‡	28†	19†	50‡	62	57	64	66	71	64	64	88	Not recorded.			
April .	36	26	19	64	35	31	21	54	69	62	65	80	72‖	67	65	84‖	55**	40	48**	84
May .	41	27	27	69	35§	30	19	56§	69	62	63	84	?	69	69	?	61	46	47	90
June .	73	66	66	87	67	62	50	89	84	80	81	89	?	85	84	?	87	84	83	94
July .	78	76	76	91	71	65	57	91	86	84	84	90	?	86	86	?	92	90	90	96
August .	80	74	73	93	72	66	58	92	87	84	85	91	?	83	82	?	88	83	85	97
September	75	66	67	92	73	70	58	92	82	78	77	89	84¶	82	78	92¶	83	76	76	97
October .	58	45	39	89	56	50	37	81	72	64	72	80	83	77	75	94	73	64	63	92
November	58	47	38	88	63§	55	46	87§	63	50	64	76	75	68	64	92	67	59	50	91
December	58	49	33	90	63*	57	42	83*	58	44	58	71	71	66	57	87	55	49	33	83
Year .	55	46	40	80	53	48	37	74	70	62	69	79	?	73	70	?	?	?	?	?

* Mean of 30 days.
† „ „ 24 „
‡ „ „ 23 „
§ „ „ 29 „
‖ Mean of 21 days.
¶ „ „ 20 „
** „ „ 26 „

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890.

	61. SECUNDERABAD.				62. VIZAGAPATAM.				63. BELLARY.				64. MADRAS.				
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	8 hours.	14 hours.	20 hours.	From Minima.
January .	58	51	40	84	64	62	55	72	42*	45	31	63*	79	83	62	81	Shade minimum not recorded.
February .	53	46	36	77	67	64	64	72	38†	39	25	61†	80	85	58	84	
March .	55	48	37	80	65	62	64	69	43‡	42	29	63‡	77	79	62	82	
April .	51	44	34	76	64	62	65	66	48§	50	32	69§	77	74	61	82	
May .	43	38	24	67	67	65	68	68	46	44	28	64	72	62	56	82	
June .	73	70	59	90	68	68	68	68	60	57	48	74	72	68	58	78	
July . .	78	74	68	92	70	72	69	70	65	62	56	78	74	74	55	84	
August .	78	73	70	92	71	71	69	73	69	65	55	86	77	78	65	81	
September.	77	72	67	93	71	71	70	71	72	68	59	88	78	77	62	84	
October .	61	52	44	86	71	70	70	72	69	67	56	85	81	80	64	86	
November .	66	59	48	92	75	77	77	70	78	74	64	96	84	85	69	86	
December .	63	55	42	91	66	64	64	70	72	67	56	92	82	84	65	82	
Year .	63	57	47	85	68	67	67	70	59	57	45	77	78	77	61	83	

* Mean of 25 days.
† " " 26 "
‡ Mean of 20 days.
§ " " 23 "

	65. SALEM.				66. MERCARA.				67. TRICHINOPOLY.				68. COCHIN.				69. WELLINGTON.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	67	61	48	92	?	54	46	Wet min. imperfect.	66	60	49	90	68	58	58	88	58	43	56	74
February .	62	55	45	86	60	57	43	81	58	47	38	88	70	61	60	90	55	43	48	75
March .	64	58	42	91	75	66	65	93	58	51	37	87	75	66	66	92	67*	58	58	86*
April .	63	58	44	86	79	75	72	94	54	49	35	79	77	70	70	91	68†	55	61	89†
May .	56	59	44	65	81	78	78	86	50	46	31	73	79	73	71	92	64	52	59	80
June .	72	69	57	89	92	91	91	93	55	51	41	73	88	84	83	95	76	71	74	84
July .	75	71	63	91	91	92	91	91	58	56	44	73	86	82	82	95	71	68	69	77
August .	77	75	65	91	91	90	91	92	61	59	46	77	85	80	79	95	80	75	80	85
September	79	75	69	93	87	86	85	89	62	59	46	81	85	79	79	97	75	69	71	84
October .	77	75	65	91	85	84	81	91	72	69	58	89	82	77	76	94	78‡	71	76	89‡
November	77	72	68	92	83	80	77	92	77	74	67	89	75	67	66	92	82	74	81	90
December	75	71	62	91	80	77	72	92	69	64	49	92	71	61	61	90	69	54	70	83
Year .	70	67	56	88	?	78	74	?	62	57	45	83	78	72	71	93	70	61	67	83

* Mean of 28 days.
† " " 27 "
‡ Mean of 30 days.

TABLE X.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1890.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
70. Newera Eliya . . .	71	77	?	?	96	?	?	?	?	?	?	?	?
71. Kandy	74	75	74	80	?	81	79	79	81	83	85	79	?
72. Jaffna	79	73	77	76	81	88	84	89	81	83	84	72	81
73. Trincomalee . . .	79	87	79	82	70	73	67	75	73	81	86	83	78
74. Batticaloa	82	84	78	81	79	82	74	79	80	81	86	85	81
75. Galle	91	91	88	90	90	92	92	92	93	92	91	90	91
76. Colombo	71	74	76	79	79	78	77	75	77	80	80	73	77
77. Hambantota . . .	84	84	86	88	88	79	82	77	86	88	83	88	84

	78. AKYAB.				79. DIAMOND ISLAND.				80. RANGOON.				81. MERGUI.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	67	71	57	73	75	69	65	92	70	69	53	87	73	63	63	93
February . .	62*	64	59*	71	74	66	65	91	67	66	46	89	75	69	64	92
March . .	69	67	65	75	76†	68†	68	91	65	61	46	87	77	72	68	92
April . . .	68	65	63	75	75	67	68	89	65	60	50	85	80	73	76	92
May . . .	75	77	72	76	?	78	75	?	82	80	75	90	86	84	83	92
June . . .	85	89	86	79	87	82	82	97	89	88	86	92	86	83	82	92
July . . .	87†	92†	90	80	89	85	85	98	91	91	89	92	88	86	85	92
August . .	85	90	87	78	87	83	82	97	90	89	88	93	87	82	86	92
September . .	81	84	83	77	88	84	82	98	87	85	81	94	89	88	87	92
October . .	80	83	78	79	84	80	76	96	85	85	77	93	80	74	74	92
November . .	76	44	75	75	77	72	68	91	78	76	69	90	73	65	62	92
December . .	66	70	61	67	71	66	61	87	71	71	51	92	76	71	64	92
Year . . .	75	75	72	75	?	75	73	?	78	77	68	90	81	76	74	92

* Mean of 27 days.

† Mean of 30 days.

TABLE X.—MEAN RELATVE HUMIDITY OF THE AIR IN 1890.

MONTH.	82. COCOS ISLAND.				83. PORT BLAIR.				84. QUETTA.				85. LEH.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	78	73	73	88	75	75	71	80	50	38	30	82	66	50	62	84
February . .	74	66	67	89	79	78	73	87	49‡	40	30	77‡	69	57	67	82
March . .	74	66	65	92	75	73	66	85	45	35	28	74	61	43	59	81
April . .	73*	64*	65*	90*	78	76	72	86	52	42	37	77	39	29	22	66
May . .	83	76	79	95	84	83	80	88	34	19	13	69	40	33	23	65
June . .	90	84	86	99	85	85	84	87	35	21	18	67	33	27	19	53
July . .	89†	84†	83†	99†	81	79	78	85	44	29	22	80	47	43	35	61
August . .	88	83	82	99	83	83	80	87	38	25	15	75	52	48	40	69
September . .	90*	86*	85*	100*	87	87	85	90	31	17	10	67	36	31	24	54
October . .	88	81	82	100	84	84	81	88	30	15§	9§	67	41	37	20	67
November . .	83	77	77	96	80	79	75	86	55	43	36	86	57	49	39	82
December . .	77	69	72	90	75	74	68	84	77	68	65	99	70	62	64	85
Year . .	82	76	76	95	81	78	76	86	45	33	26	77	50	42	40	71

* Mean of 28 days.
† ,, ,, 30 ,,

‡ Mean of 27 days.
§ ,, ,, 30 ,,

MONTH.	86. KATMANDU.				87. ADEN.				88. ZANZIBAR.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January . .	75	68	66	91	74	73	62	87	75‖	76	65‖	82
February . .	63	52	46	90	75§	74	67	85§	74	76	63	82
March . . .	51	37	27	90	79‡	79‡	71	87‡	Not recorded.			
April . . .	?	44	46	?	72‡	71	64‡	81				
May . . .	?	56	53	?	69‡	66‡	59	81				
June . . .	?	70	70	?	68	66	60	78				
July . . .	?	74	77	?	68	69	61	76				
August . . .	81‡	76	77	93‡	69†	66	61†	81				
September . .	77*	72	76	82*	71	70	68	75				
October . .	75†	65	70	91†	66	64	62	72				
November . .	75	67	68	91	63‡	62‡	56‡	70‡				
December . .	77	76	67	88	70†	69†	64	76				
Year . . .	?	63	62	?	70	69	63	79	...	...	...	...

* Mean of 27 days.
† ,, ,, 30 ,,

‡ Mean of 29 days.
§ ,, ,, 25 ,,
‖ ,, ,, 30 ,,

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1890. (90 STATIONS).

	1. Murree.			2. Chamba.			3. Kailang.			4. Simla.			5. Peshawar.			6. Lahore.		
Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	4·7	4·5	4·9	4·2	4·2	4·2	5·1	5·2	4·9	4·5†	3·9	4·9†	3·4	3·5	3·4	2·8	2·7	2·8
February . .	4·8	4·7	4·9	5·7	5·5	5·9	6·3	6·0	6·7	5·2	5·2	5·1	4·2	4·3	4·2	3·8	3·4	4·1
March . .	5·8†	5·1*	6·2†	6·3	5·2	7·4	6·8	5·7	7·9	5·3*	4·1	6·2*	4·1	3·8	4·4	3·7	4·2	3·2
April . .	6·3	6·2	6·3	6·2	5·3	7·0	6·1	4·8	7·5	4·5‡	3·5*	5·4*	5·5	5·3	5·7	4·3	4·1	4·5
May . .	4·6	4·1	5·0	4·4	3·5	5·3	6·5	5·5	7·5	3·2	2·8	3·7	2·8	2·1	3·6	2·6	2·5	2·7
June . .	4·9	4·0	5·8	4·3	2·8	5·7	4·9	4·3	5·6	4·8	4·4	5·1	2·1	1·1	3·0	3·9	3·7	4·0
July . .	7·6	7·2	7·9	8·1	7·8	8·3	7·5	7·5	7·5	9·8†	9·7	9·8†	3·1	2·5	3·8	5·2	5·6	4·8
August . .	8·3	8·0	8·7	7·3	7·4	7·3	6·9	6·7	7·1	8·8	8·4	9·2	3·6	3·4	3·8	4·9	5·1	4·7
September .	4·0	3·6	4·3	3·2	2·8	3·7	3·4	2·8	4·0	4·7	3·1	6·2	0·9	0·3	1·4	0·4	0·6	0·2
October . .	2·7	2·1	3·2	2·0	1·3	2·7	2·9	2·0	3·8	1·4	1·0	1·7	1·4	0·9	2·0	0·7	0·7	0·6
November .	4·8	4·6	5·0	5·1	4·9	5·4	5·6	5·2	6·0	4·0	3·6	4·4	4·0	3·9	4·0	4·2	4·1	4·2
December .	7·7	7·4	8·0	7·9	6·2	7·7	8·1	7·8	8·4	6·1	5·7	6·5	6·0	5·7	6·3	5·7	5·6	5·8
Year . .	5·5	5·1	5·9	5·3	4·7	5·9	5·8	5·3	6·4	5·2	4·6	5·7	3·4	3·1	3·8	3·5	3·5	3·5

* Mean of 29 days.
† „ „ 30 „
‡ „ „ 28 „

	7. Ludhiana.			8. Mooltan.			9. Jacobabad.			10. Kurrachee.			11. Jeypore.			12. Ajmere.		
Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	4·1	3·7	4·5	2·8	2·9	2·7	3·1	2·8	3·4	1·7	1·9	1·4	2·7	2·6	2·8	1·7	1·8	1·6
February . .	5·3	4·9	5·8	2·3	2·5	2·1	4·4	4·8	4·0	3·4	3·6	3·2	3·0	2·2	3·8	2·2	1·5	2·9
March . .	5·6	5·8	5·5	3·6	3·7	3·6	3·1	2·5	3·6	3·5	3·2	3·8	4·5	3·5	5·5	3·1	2·9	3·2
April . .	4·4	4·2	4·6	1·9	1·4	2·3	3·8	2·5	5·0	2·0	1·7	2·2	2·7	2·0	3·3	1·8	1·1	2·4
May . .	1·4	1·1	1·7	0·3	0·2	0·3	0·3	0·1	0·5	1·8	1·8	1·9	1·1	0·2	2·0	1·0	0·7	1·2
June . .	4·3	4·3	4·5	0·0	0·0	0·0	0·4	0·3	0·5	3·8	4·6	3·1	5·2	4·8	5·5	3·3	3·3	3·3
July . .	8·4	8·7	8·0	2·2	2·1	2·4	3·3	2·7	3·9	7·7	8·1	7·4	8·3	8·4	8·1	5·5	5·6	5·5
August . .	6·5	6·2	6·7	3·1	2·5	3·7	3·4	3·3	3·4	7·2	7·5	6·9	7·5	6·9	8·1	5·0	5·1	4·8
September .	3·7	2·9	4·4	0·5	0·0	1·0	0·9	0·0	0·0	2·0	3·0	1·0	4·0	3·0	5·0	2·7	1·7	3·6
October . .	1·0	0·9	1·0	0·4	0·3	0·4	0·3	0·2	0·4	0·6	0·8	0·4	1·8	0·7	2·8	1·8	1·0	2·6
November .	4·7	4·5	4·9	3·1	2·9	3·4	3·2	3·2	3·1	1·4*	1·5†	1·5*	2·8	2·5	3·0	2·3	2·0	2·6
December .	6·6	6·3	6·9	5·0	5·1	4·9	4·3	4·1	4·6	2·8‡	2·8‡	2·9‡	4·1	3·7	4·5	3·4	3·0	3·8
Year . .	4·7	4·5	4·9	2·1	2·0	2·2	2·5	2·2	2·7	3·2	3·4	3·0	4·0	3·4	4·5	2·8	2·5	3·1

* Mean of 24 days.
† „ „ 23 „
‡ „ „ 30 „

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1890.

Month.	13. Mount Abu.			14. Chakrata.			15. Ranikhet.			16. Pithoragarh.			17. Dehra.			18. Roorkee.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	9-30 hours.	15-30 hours.	Mean.	10 hours.	16 hours.
January . .	Not recorded.			2·8	2·3	3·2	2·8	2·4	3·1	3·2	3·0	3·4	2·8	2·3	3·3	2·0	1·8	2·3
February . .	3·2	2·6	3·7	3·0	2·9	3·0	3·5	3·1	3·8	4·5	4·4	4·5	3·8	3·8	3·8	1·6	1·2	2·0
March . .	3·3	2·9	3·7	4·0	2·6	5·4	4·9	4·0	5·8	4·8	3·7	5·9	3·3	2·6	4·0	3·0	2·3	3·6
April . .	3·2	2·6	3·8	3·4	2·4	4·4	3·5	2·9	4·1	3·2	2·2	4·2	2·8	2·0	3·5	1·5	1·0	1·9
May . . .	0·2*	0·1*	0·2*	2·8	2·0	3·6	3·2	2·1	4·2	3·8	2·4	5·2	1·5	1·6	1·4	0·7	0·6	0·8
June . .	6·5	6·5	6·4	5·0	5·1	4·8	5·9	6·4	5·4	6·4	6·3	6·4	5·5	5·5	5·4	3·2	3·9	2·4
July . .	9·5	9·7	9·4	9·4	8·8	9·9	9·0	9·0	9·0	8·5	9·2	7·8	8·3	8·2	8·4	6·9	7·5	6·4
August . .	8·9	9·2	8·7	9·1	8·9	9·3	9·4	9·5	9·2	8·8	9·0	8·5	7·4	7·0	7·8	4·4	4·9	3·9
September .	3·3	3·4	3·1	·5	6·0	7·0	5·8	5·8	5·8	5·9	6·9	4·8	4·2	3·6	4·8	3·2	3·3	3·1
October . .	1·0	0·6	1·4	1·4	1·0	1·7	2·2	1·7	2·7	2·1	1·8	2·4	1·2	1·1	1·4	0·6	0·8	0·5
November .	3·1	2·6	3·6	3·3	3·2	3·4	3·0	2·6	3·3	2·7	2·6	2·8	2·7	2·2	3·3	1·6	1·3	1·8
December .	3·6	3·5	3·6	5·3	4·7	6·0	5·1	5·2	5·1	4·1	4·2	4·0	4·7	4·3	5·0	3·8	3·3	4·4
Year . .	?	?	?	4·7	4·2	5·1	4·9	4·6	5·1	4·8	4·6	5·0	4·0	3·7	4·3	2·7	2·6	2·8

* Mean of 25 days.

Month.	19. Meerut.			20. Agra.			21. Lucknow.			22. Allahabad.			23. Ghazipur.			24. Nowgong.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	2·1	1·8	2·4	2·1	1·9	2·3	2·1	1·4	2·8	1·2	1·0	1·4	0·8	0·6	0·9	1·6	1·3	1·9
February . .	2·6	2·8	2·4	2·2	1·8	2·5	1·9	1·7	2·1	1·8	1·4	2·2	1·2	1·1	1·3	2·0	1·8	2·3
March . .	3·6	3·4	3·8	3·7	3·5	3·8	3·7	3·3	4·1	4·0	4·0	3·9	2·9	2·9	2·9	3·7	3·4	4·0
April . .	2·3	2·3	2·3	1·7	1·6	1·7	1·6	1·2	1·9	1·7	1·3	2·1	0·7	0·4	1·0	3·1	2·1	4·1
May . .	1·0	1·1	0·9	0·2	0·3	0·1	1·7	1·9	1·5	0·9	1·2	0·5	0·7	0·8	0·6	2·4	2·1	2·7
June . .	3·7	4·2	3·1	3·1	3·3	2·9	5·2	4·9	5·6	6·3	6·5	6·0	5·0	5·4	4·6	7·1	6·3	8·0
July . .	7·4	7·6	7·3	7·9	8·1	7·6	8·2	8·8	7·7	9·1	9·1	9·0	7·5	8·0	6·9	9·5	9·6	9·4
August . .	5·7	5·9	5·4	5·1	5·0	5·3	7·3	7·3	7·3	8·4	8·4	8·3	6·8	7·4	6·2	8·3	8·2	8·5
September .	3·1	3·3	2·8	3·1	2·9	3·3	5·3	5·1	5·5	5·8	5·7	5·8	5·0	4·7	5·3	5·9	5·3	6·6
October . .	0·3	0·5	0·1	0·1	0·1	0·2	1·5	1·2	1·7	0·8	0·8	0·8	1·8	1·8	1·7	1·3	0·9	1·6
November .	2·0	1·6	2·4	1·4	1·3	1·4	1·8	1·3	2·3	1·5	1·3	1·7	1·0	1·1	0·9	2·2	1·8	2·6
December .	3·7	2·6	4·7	2·4	2·0	2·7	2·5	2·2	2·9	1·9	1·6	2·1	1·3	1·3	1·3	2·9	2·3	3·5
Year . .	3·1	3·1	3·1	2·8	2·7	2·8	3·6	3·4	3·8	3·6	3·5	3·7	2·9	3·0	2·8	4·2	3·8	4·6

	25. SUTNA.			26. DURBHUNGA.			27. PATNA.			28. HAZARIBAGH.			29. DARJEELING.			30. PEDONG.		
MONTH.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . . .	0·7	0·5	0·9	0·8	0·6	1·0	0·8	0·7	0·9	0·8	0·1	1·4	6·6	6·2†	6·9	Not recorded.		
February . .	0·8	0·9	0·8	0·4	0·3*	0·5	9·9	0·6	1·1	0·6	0·6	0·5	5·2	4·8	5·5			
March . .	2·7	2·1	3·3	1·4	1·4	1·4	3·1	3·2	3·0	3·2	2·4	3·9	3·5	2·6†	4·4†			
April . .	1·5	0·9	2·0	0·9	1·0	0·7	1·5	1·4	1·6	2·4	1·6	3·2	6·7	6·4‡	6·9*			
May . .	1·4	0·8	1·9	1·5	2·2	0·7	1·4	2·1	0·7	1·4	1·4	1·3	8·2	8·9§	7·5			
June . .	5·2	4·4	5·9	4·9	5·0	4·8	5·9	6·0	5·8	8·4	7·6	9·1	9·1	9·3§	8·9‡			
July . .	7·7	7·8	7·5	6·8	7·5	6·1	9·2	9·2	9·2	9·8	9·6	10·0	9·7	9·7	9·6§			
August . .	7·3	7·7	6·9	6·0†	6·3†	5·6†	9·0	8·9	9·0	9·9	9·7	10·0	9·1	9·2	8·9†			
September .	5·7	5·3	6·1	4·5	4·7	4·3	6·7	5·8	7·5	9·1	8·8	9·4	8·3	8·3§	8·3‖	5·6§	4·8§	6·3§
October . .	0·8	0·6	1·0	2·4	2·5	2·3†	3·3	3·3	3·2	4·3	4·2	4·3	5·8	6·0	5·6*	4·8	5·0	4·7
November .	1·1	0·9	1·3	0·3‡	0·3‡	0·3‡	0·9	0·9	0·9	2·7	2·2	3·2	3·9	3·3	4·5	3·2§	2·6§	3·6
December .	1·6	1·1	2·0	0·2	0·1	0·2	1·3	1·4	1·2	3·1	2·7	3·5	7·2	6·5	7·9	6·3‡	6·2‡	6·3‡
Year . .	3·0	2·7	3·3	2·5	2·7	2·3	3·7	3·6	3·7	4·6	4·2	5·0	6·9	6·8	7·1	?	?	?

* Mean of 27 days.
† „ „ 30 „

‡ Mean of 28 days.
§ „ „ 29 „

‖ Mean of 26 days.

	31. BERHAMPORE.			32. BURDWAN.			33. CALCUTTA (*Alipore*).			34. SAUGOR ISLAND.			35. DACCA.			36. CHITTAGONG.		
MONTH.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	1·0	0·3	1·7	0·6	0·5	0·7	0·8	0·8	0·8	0·7	0·7	0·6	1·5	0·9	2·0	1·5	1·5	1·4
February . .	1·0	0·8	1·1	0·5	0·4	0·5	0·9	0·9	0·8	1·4	1·5	1·2	1·2	1·0	1·3	0·9	0·8	0·8
March . .	3·6	3·2	3·9	2·9	1·9	3·9	2·8	2·8	2·8	4·6	4·1	5·1	4·6	4·7	4·5	4·1	4·5	3·6
April . .	3·6	3·7	3·5	2·0	1·3	2·6	2·7	2·5	2·9	4·5	5·0	3·9	5·3	6·1	4·4	3·7	4·3	3·1
May . .	3·8	3·5	4·0	3·7	3·2	4·2	3·7	3·6	3·7	5·6	5·8	5·4	6·8	7·0	6·6	5·6	6·1	5·0
June . .	8·2	8·1	8·3	8·7	8·6	8·7	7·8	7·5	8·0	8·4	8·5	8·3	8·3	8·2	8·3	7·3	7·4	7·2
July . .	8·6	8·6	8·5	8·1	7·9	8·1	8·7	8·9	8·4	9·3	9·4	9·1	8·6	9·2	7·9	8·1	7·8	8·3
August . .	8·5	8·9	8·0	8·1	8·0	8·2	8·3	8·0	8·6	9·0	9·0	8·9	8·8	9·2	8·4	7·5	6·9	8·1
September .	7·9	7·8	7·9	7·8	7·3	8·2	7·5	6·9	8·1	8·2	8·0	8·3	7·7	7·9	7·5	6·0	5·8	6·2
October . .	4·0	4·3	3·7	4·5	4·2	4·8	4·6	4·9	4·3	5·8	6·0	5·6	5·5	5·5	5·5	4·2	4·3	4·1
November .	1·2	1·2	1·1	2·0	2·1	1·9	2·1	1·9	2·2	3·6	3·6	3·5	3·0	2·6	3·4	2·4	2·6	2·1
December .	1·7	1·4	1·9	1·7	1·4	1·9	1·3	1·2	1·4	3·1	3·3	2·9	2·4	2·3	2·5	1·3	1·3	1·2
Year . .	4·4	4·3	4·5	4·2	3·9	4·5	4·3	4·2	4·3	5·3	5·4	5·2	5·3	5·4	5·2	4·4	4·4	4·3

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1890.

Month.	37. Demagiri.			38. Tura.			39. Dhubri.			40. Sibsagar.			41. Silchar.			42. False Point.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	0·9	1·1	0·7	2·8	2·7	2·8	2·6	3·0	2·2	5·6	7·2	4·0	4·3	4·6	3·9	0·9	0·9	0·9
February . .	0·2	0·1	0·3	1·6	1·5	1·6	1·0	0·8	1·1	3·1	3·4	2·7	2·7	2·4	2·9	1·7	1·9	1·4
March . .	3·0	3·1	2·9	2·2	2·6	1·8	2·4	2·2	2·6	6·0	6·4	5·5	6·8	7·5	6·1	4·6	4·4	4·7
April . .	3·6	3·1	4·0	2·7	3·3	2·1	4·4	5·1	3·6	6·2	6·2	6·2	6·9	7·2	6·5	3·3	3·1	3·5
May . .	4·9	5·4	4·4	4·7	5·8	3·6	4·8	6·2	3·4	6·6	7·4	5·8	7·2	7·8	6·5	5·6	5·9	5·3
June . .	6·2	5·4	7·0	7·2	7·8	6·5	8·3	9·1	7·5	8·7	9·4	8·0	9·1	9·1	9·0	8·0	7·9	8·0
July . .	7·1	6·1	8·0	6·4	7·2	5·6	9·1	9·0	9·2	8·6	9·5	7·6	9·3	9·4	9·2	8·9	9·0	8·8
August . .	6·4	5·4	7·4	7·4	7·9	6·8	8·3	8·7	7·8	8·7	9·3	8·0	9·2	9·2	9·1	8·6	8·5	8·6
September .	4·7	3·8	5·5	6·2	6·4	5·9	7·2	7·3	7·0	7·0	7·4	6·6	7·4	7·5	7·2	7·5	7·3	7·6
October . .	2·7	2·7	2·6	5·8	5·9	5·7	4·3	4·9	3·6	6·8	7·4	6·1	6·7	7·0	6·3	3·3	3·7	2·9
November .	1·4	1·7	1·0	3·2	3·4	3·0	0·9	0·5	1·3	3·9	4·4	3·4	3·9	4·1	3·6	4·4	4·4	4·3
December .	0·7	1·1	0·2	2·0	1·7	2·2	1·7	1·9	1·5	7·1	8·3	5·8	4·0	4·4	3·6	3·2	3·0	3·4
Year . .	3·5	3·3	3·7	4·4	4·7	4·0	4·6	4·9	4·2	6·5	7·2	5·8	6·5	6·7	6·2	5·0	5·0	5·0

Month.	43. Cuttack.			44. Sambalpur.			45. Raipur.			46. Khandwa.			47. Hoshangabad.			48. Jubbulpore.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	0·5	0·5	0·5	0·3	0·1	0·5	0·3	0·2	0·3	0·3	0·3	0·4	0·4	0·4	0·4	0·5	0·4	0·5
February . .	1·1	1·1	1·0	No observations.			1·3	1·2	1·5	1·0	0·4	1·5	1·0	0·6	1·4	0·7	0·9	0·5
March . .	3·6	2·5	4·6	3·2	2·8	3·5	4·4	3·8	5·1	2·4	2·1	2·6	3·0	2·5	3·6	3·0	2·7	3·4
April . .	2·7	1·7	3·7	1·8*	0·8*	2·8*	3·9	2·7	5·0	3·1	2·2	3·9	3·4	2·6	4·2	2·5	1·5	3·5
May . .	3·4	3·5	3·2	3·5	3·0	4·0	3·9	2·6	5·2	1·0	0·4	1·6	1·3	0·1	2·5	1·5	0·4	2·6
June . .	7·3	6·8	7·8	7·2	6·7	7·6	8·5	8·4	8·6	7·1	7·1	7·0	6·8	6·8	6·8	6·5	6·3	6·7
July . .	8·5	8·4	8·6	9·2	9·3	9·1	9·4	9·4	9·4	8·1	8·4	7·9	9·1	9·5	8·7	9·3	9·6	9·0
August . .	7·6	7·4	7·7	6·9	5·4	8·4	9·2	9·3	9·1	7·3	7·3	7·2	8·2	8·7	7·9†	8·7	8·9	8·5
September .	7·1	6·5	7·7	6·5	5·7	7·2	8·3	8·1	8·5	5·9	5·8	6·0	6·3	5·7	7·0	5·7	4·5	6·9
October . .	5·2	4·4	5·9	2·8	2·5	3·0	3·2	2·4	4·0	1·5	0·7	2·3	2·3	1·3	3·3	1·3	1·0	1·7
November .	3·4	3·2	3·5	2·2	2·2	2·1	3·0	2·7	3·3	2·3	1·9	2·6	2·2	1·9	2·5	1·8	1·6	2·0
December	2·1	1·7	2·4	2·3	1·6	3·0	5·0	4·4	5·7	2·6	1·9	3·2	3·1	2·3	3·9	2·4	1·8	3·0
Year . .	4·4	4·0	4·7	?	?	?	5·0	4·6	5·5	3·6	3·2	3·9	3·9	3·5	4·3	3·7	3·3	4·0

* Mean of 29 days.

† Mean of 30 days.

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1890.

Month.	49. Nagpur.			50. Chanda.			51. Sironcha.			52. Chikalda.			53. Buldana.			54. Akola.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	0·2	0·1	0·3	0·4	0·3	0·4	0·3	0·2	0·3	0·7	0·7	0·7	0·2	0·2	0·2	0·2	0·2	0·2
February	0·6	0·2	1·1	1·0	0·6	1·3	0·6	0·6	0·5	1·8	1·3	2·3	0·5	0·3	0·7	0·5	0·5	0·6
March	3·2	2·2	4·3	3·4	2·9	3·9	3·5	3·5	3·5	3·8	3·2	4·4	2·0	1·2	2·7	3·8	3·0	4·6
April	3·8	2·6	5·0	3·3	2·1	4·5	2·7	2·2	3·3	4·2	3·2	5·2	3·5	3·0	4·0	4·1	3·4	4·9
May	2·4	1·4	3·4	2·2	1·5	2·9	2·3	1·6	2·9	2·9	2·3	3·4	1·5	1·3	1·7	3·2	2·4	4·0
June	8·1	7·7	8·4	7·7	7·3	8·0	7·1	6·9	7·3	8·0	7·7	8·2	8·1	8·1	8·2	8·8	8·4	9·1
July	9·3	9·4	9·2	8·9	8·9	8·9	8·3	8·5	8·2	9·7	9·9	9·5	9·6	9·8	9·4	9·6	9·5	9·7
August	9·0	8·6	9·3	8·1	7·7	8·5	7·9	7·7	8·0	8·8	9·1	8·6	6·7	6·8	6·5	8·5	8·3	8·7
September	7·9	7·3	8·5	7·5	6·6	8·3	7·4	6·9	7·8	8·0	8·4	7·7	6·1	6·1	6·0	8·0	7·3	8·7
October	3·2	1·8	4·6	2·5	1·7	3·2	2·5	2·0	2·9	3·0	2·4	3·6	1·6	0·9	2·3	3·8	2·3	5·3
November	2·3	2·1	2·6	2·7	2·5	2·8	3·0	3·0	3·1	3·7	2·9	4·5	2·4	2·1	2·7	2·2	1·9	2·5
December	4·5	3·7	5·2	4·1	3·7	4·5	3·1	3·0	3·2	5·4	5·1	5·6	3·3	3·3	3·4	4·4	4·1	4·7
Year	4·5	3·9	5·2	4·3	3·8	4·8	4·1	3·8	4·3	5·0	4·7	5·3	3·8	3·6	4·0	4·8	4·3	5·3

Month.	55. Makhla.			56. Deesa.			57. Bombay.			58. Poona.			59. Sholapur.			60. Ratnagiri.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	0·7	0·5	0·9	1·5	1·5	1·6	0·5	0·4	0·5	0·4	0·4	0·5	0·5	0·5	0·6	0·1	0·1	0·1
February	1·3	0·8	1·8	3·7	3·1	4·3	0·9	0·9	0·9	0·5	0·1	0·9	0·4	0·0	0·9	0·0	0·1	0·0
March	3·9	3·5	4·3	3·9	3·6	4·2	0·2	0·2	0·2	2·3	2·2	2·5	3·7*	2·4*	5·0*	0·3	0·3	0·3
April	4·7	3·0	6·3	3·2	2·4	4·0	3·3	3·3	3 2	3·1	1·6	4·6	4·2	1·7	6 8	2 0	2 2	1·8
May	1·5	0·4	2·5	0·8	0·8	0·8	2·1	2·5	1·7	1·7	1·6	1·7	3·8	1·5	6·0	2·1	2·2	1·9
June	9·4	9·4	9·4	7·1	6·9	7·3	9·1	8·9	9·3	8·2	8·1	8·3	8·1	7·7	8·5	6·9	6 9	6·9
July	10·0	10·0	10·0	8·9	9·0	8·9	9·5	9·3	9·7	9·1	9·0	9·1	8·8	8·5	9·2	7 5	7·2	7·9
August	9·9	9·9	9·8	8·4	8·9	8·0	9·0	9·2	8·8	8·4	8·1	8·7	8 8	8·2	9·4	6·1	5·8	6·4
September	8·6	9·2	8·0	3·7	3·7	3·6	7·0	7·2	6·8	6·8	6·7	6·9	8·4	8·1	8·8	3·3	3·3	3·3
October	2·6	2·2	2·9	1·7	1·4	2·1	1·9	2·4	1·4	4·0	2·8	5·1	5·9	4·5	7·3	1·6	1 1	2·1
November	3·8	2·8	4·7	3·7	3·3	4·1	2·6	2·5	2·7	2·8	2·8	2·8	3·4	3·1	3·6	1·6	1·6	1·6
December	6·1	5·5	6·6	3·6	3·3	4·0	3·1	3·0	3·2	3·8	3·6	4·0	3·9	3·2	4·6	0·7	0·9	0·5
Year	5·2	4·8	5·6	4·2	4·0	4·4	4·1	4·2	4·0	4·3	3·9	4·6	5 0	4·1	5·9	2·7	2·6	2·7

* Mean of 24 days.

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1890.

	61. KARWAR.			62. BELGAUM.			63. SECUNDERABAD.			64. VIZAGAPATAM.			65. BELLARY.			66. MADRAS.		
MONTH.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	8 hours.	20 hours.
January . .	0·3	0·2	0·4	0·6	0·4	0·7	0·8	0·7	0·9	0·6	0·8	0·4	0·9	0·5	1·3	3·0	3·2	2·8
February .	0·2	0·	0·4	0·4	0·0	0·8	0·6	0·3	0·8	0·6	0·6	0·5	0·4	0·4	0·5	1·2	1·6	0·8
March . .	1·5	1·4	1·7	Not recorded.			2·5	1·8	3·1	3·3	3.1	3·5	2·8	1·4	4·3	2·8	3·3	2·2
April . .	3·1	2·7	3·4	3·8*	1·7*	5·9*	3·0	1·8	4·1	3·2	2·7	3·7	3·5	1·2	5·7	2·5	2·7	2·3
May . .	3·7	3·7	3·6	3·1	2·9	3·4	2·8	1·8	3·7	3·5	3·5	3·5	4·2	3·2	5·1	2·3	2·4	2·2
June . .	7·1	7·1	7·0	8·6	8·9	8·3	6·8	6·4	7·3	7·5	7·2	7·8	8·4	8·1	8·8	6·7	7·1	6·3
July . .	8·2	7·6	8·9	9·7	9·6	9·9	8·6	8·5	8·7	8·6	8·7	8·5	8·9	8·7	9·0	7·2	7·5	6·9
August . .	6·1	5·7	6·5	8·5	8·1	8·9	7·8	7·5	8·0	7·6	6·9	8·2	8·4	8·3	8·6	7·6	7·7	7·5
September .	5·5	5·5	5·6	7·1	7·3	6·8	7·9	7·9	7·8	7·2	6·9	7·4	8·1	7·7	8·6	6·9	7·4	6·3
October . .	3·6	2·8	4·3	5·8	4·9	6·7	4·9	3·7	6·1	5·5	5·1	5·8	5·8	5·4	6·2	5·7	5·8	5·5
November .	2·4	2·0	2·8	3·0	3·0	3·0	4·4	4·6	4·2	4·6	4·8	4·4	4·7	5·0	4·4	5·3	5·5	5·1
December .	1·4	1·3	1·5	2·4	1·9	2·8	4·6	3·7	5·5	2·6	2·6	2·5	2·5	2·4	2·6	3·6	3·8	3·4
Year . .	3·6	3·3	3·8	?	?	?	4·6	4·1	5·0	4·6	4·4	4·7	4·9	4·4	5·4	4·6	4·8	4·3

* Mean of 26 days.

	67. SALEM.			68. MERCARA.			69. TRICHINOPOLY.			70. COCHIN.			71. WELLINGTON.		
MONTH.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	4·0	3·9	4·0	3·7	3·5	3·9	4·2	4·1	4·3	1·3	1·0	1·7	3·1	2·4	3·7
February . .	1·5	0·9	2·1	4·4	3·9	4·9	1·8	2·3	1·4	1·2	1·3	1·2	2·0	1·1	2·9
March . .	4·5	3·4	5·6	6·0	5·7	6·3	4·0	3·8	4·2	2·4	1.9	3·0	4·3	3·0	5·6
April . .	5·9	4·7	7·0	6·4	6·1	6·7	4·4	4·2	4·7	5·3	5·0	5·6	5·4	4·3	6·5
May . . .	5·0	3·7	6·2	6·3	6·0	6·5	4·4	4·0	4·7	4·6	5·0	4·1	5·4	4·5	6·4
June . . .	6·5	6·2	6·7	9·0	8·8	9·1	6·4	6·0	6·8	8·5	8·1	8·8	8·1	7·4	8·8
July . . .	6·3	5·7	6·9	9·5	9·4	9·7	7·3	6·9	7·7	7·4	7·5	7·3	8·0	7·5	8·5
August . .	6·6	6·0	7·2	8·8	8·6	9·0	7·2	7·0	7·4	6·5	5·3	7·7	8·4	7·7	9·0
September . .	5·8	5·2	6·4	8·4	8·3	8·6	5·2	4·4	6·0	4·7	4·3	5·0	6·8	6·2	7·3
October . .	6·0	5·1	6·8	7·8	7·6	8·0	6·1	5·8	6·4	5·6	4·6	6·6	7·8	6·9	8·6
November . .	5·1	3·9	6·2	6·2	6·3	6·2	5·7	5·0	6·4	3·3	2·5	4·1	5·6	5·4	5·8
December . .	3·6	2·4	4·7	6·1	6·1	6·2	4·2	3·9	4·5	2·7	3·1	2·2	3·6	3·3	3·8
Year . . .	5·0	4·3	5·8	6·9	6·7	7·1	5·1	4·8	5·3	4·4	4·1	4·8	5·7	5·0	6·4

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
72. Newera Eliya	1·4	1·4	1·3	2·7	1·9	4·1	5·0	3·7	3·7	4·0	2·5	1·5	2·8
73. Kandy	5·6	4·4	5·0	6·3	?	7·8	7·0	6·8	7·2	6·4	5·3	5·0	?
74. Jaffna	5·2	3·0	4·1	5·2	4·8	5·6	5·2	5·8	5·5	5·5	6·6	4·6	5·1
75. Trincomalee . . .	5·1	3·9	3·6	4·3	3·7	4·9	4·5	5·7	5·0	4·9	4·9	5·3	4·7
76. Batticaloa	4·1	4·3	3·7	4·3	3·5	3·6	4·1	4·1	3·7	4·1	3·6	3·6	3·9
77. Galle	3·5	3·1	3·2	4·9	3·9	4·2	4·6	4·3	4·4	4·5	3·9	3·5	4·0
78. Colombo	3·8	3·4	5·2	7·1	7·8	7·7	5·5	6·5	6·5	7·0	5·8	5·3	6·0
79. Hambantota . . .	6·9	7·1	7·0	6·3	4·5	4·0	3·2	3·5	4·1	4·4	4·0	4·4	5·0

	80. AKYAB.			81. DIAMOND ISLAND.			82. RANGOON.			83. MERGUI.			84. COCOS ISLAND.			85. PORT BLAIR.		
Months.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	0·7	0·8	0·5	2·9	2·5	3·2	3·0	2·5	3·5	3·8	2·8	4·7	3·3	3·6	3·1	4·7	4·7	4·7
February . .	1·4	1·2	1·5	1·6	1·1	2·0	1·8	1·0	2·5	3·6	3·2	4·0	2·3	2·5	2·2	5·1	4·7	5·4
March . .	3·7	4·6	2·7	1·7	1·6	1·7	1·4	0·7	2·1	3·9	3·2	4·6	1·3	1·5	1·2	3·1	3·0	3·1
April . .	4·0	4·8	3·2	2·4	2·3	2·5	3·5	2·3	4·6	6·7	5·9	7·5	4·3*	4·1*	4·5*	5·1	4·7	5·4
May .	6·7	7·1	6·2	7·4	7·2	7·7	7·6	7·4	7·8	9·5	9·3	9·7	8·2	8·2	8·1	7·4	7·1	7·7
June . .	8·9	9·2	8·5	8·2	8·0	8·3	8·6	8·8	8·4	9·5	9·5	9·5	9·1	8·9	9·2	8·7	8·5	8·9
July . .	9·3	9·4	9·2	7·2	7·0	7·3	9·7	9·4	10·0	9·5	9·4	9·6	9·2†	9·0†	9·3†	7·8	7·6	8·0
August . .	8·3	8·7	8·0	6·7	6·5	6·8	8·9	8·9	8·8	8·8	8·2	9·5	8·0	7·6	8·3	8·1	7·9	8·4
September .	7·5	7·5	7·4	6·6	6·4	6·9	7·6	8·1	7·0	9·1	9·2	9·0	8·6*	8·2*	9·0*	8·5	8·5	8·4
October . .	5·7	5·9	5·5	5·0	4·9	5·1	5·6	6·0	5·2	6·7	5·6	7·9	6·3	6·2	6·5	6·7	6·6	6·8
November .	2·4	2·4	2·5	2·4	1·6	3·3	3·7	2·7	4·6	4·2	2·9	5·5	6·4	6·0	6·7	4·4	4·4	4·3
December .	0·5	0·4	0·5	1·3	1·1	1·6	1·0	0·7	1·3	2·7	2·6	2·7	4·4	4·2	4·7	2·8	2·8	2·9
Year . .	4·9	5·2	4·6	4·5	4·2	4·7	5·2	4·9	5·5	6·5	6·0	7·0	6·0	5·8	6·1	6·0	5·7	6·2

* Mean of 28 days.
† „ of 30 „

TABLE XI.—MEAN PROPORTION OF CLOUDED SKY IN 1890.

MONTH.	86. QUETTA.			87. LEH.			88. KATMANDU.			89. ADEN.			90. ZANZIBAR.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January . .	3·1	3·1	3·1	5·3	5·0	5·6	4·5	4·0	5·0	3·3	6·1	0·6	5·7	6·5*	4·8
February . .	4·0	4·3	3·8	6·5	6·1	6·8	2·8	2·4	3·2	2·8	4·6	0·9	5·4	6·7	4·0
March . .	3·7	3·0	4·4	6·3	5·8	6·9	4·3	3·7	4·9	4·8	6·5	3·1	Not recorded.		
April . . .	4·6	3·9	5·3	6·6	5·8	7·4	4·2	3·5	4·9	2·6	3·3	1·8†			
May . . .	1·0	0·6	1·4	6·5	5·7	7·3	5·4	5·1	5·8	1·8	2·7*	1·0			
June . . .	1·2	0·8	1·5	4·6	4·4	4·8	6·7	6·6	6·7	0·8	0·9	0·7			
July . . .	1·3	0·7	1·8	6·2	6·2	6·3	7·3	6·9	7·8	2·4	2·9	1·8			
August . .	1·0	0·6	1·4	5·8	5·7	5·8	7·4	7·0	7·9	1·7*	2·1	1·2*			
September . .	0·1	0	0·1	3·9	3·9	4·0	6·4	6·1	6·8	2·4	2·7	2·0			
October . .	0·4	0·3	0·4	3·6	2·7	4·5	4·3	4·6	4·5	1·5	2·0	1·1			
November . .	3·8	4·1	3·5	5·2	4·5	5·8	3·5	3·4	3·5	1·6	2·4	0·8			
December . .	5·4	5·0	5·7	7·6	7·2	8·1	3·3	3·3	3·3	2·8	4·5*	1·2			
Year . . .	2·5	2·2	2·7	5·7	5·3	6·1	5·0	4·7	5·3	2·4	3·4	1·4	?	?	?

* Mean of 30 days.
† „ „ 29 „

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890. (547 STATIONS).

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ASIATIC TURKEY	Baghdad	0·75	5·90	5·07	2·87	...	...	...	1·06	...	...	0·10	4·51	20·26
ARABIA	Aden	0·08	0·02	6·57	...	1·40	...	...	...	...	...	...	0·06	8·13
PERSIA	Bushire	2·07	1·87	3·61	2·12	...	...	...	...	...	...	1·95	6·74 S. & R.	18·36
BELUCHISTAN	Kelat	0·50	0·18	0·78	1·63	...	...	...	0·20	...	...	1·80	3·11	8·20
	Peshin	0·94	0·53	0·80	2·00	...	...	...	...	...	...	4·83	3·75	12·85
	Quetta	0·83	0·46	0·81	1·62	0·17	...	...	0·74	...	...	3·72	3·66	12·01
	Beleli	?	?	0·81	0·95	0·12	...	...	...	...	...	3·98	2·99	?
	Kuchlack	?	?	1·17	1·50	...	...	...	...	...	...	4·02	3·50	?
	Bostan	?	?	0·78	1·04	0·10	...	...	0·05	...	...	2·97	2·86	?
	Yerukeriz	?	?	1·39	0·50	...	...	...	...	...	...	1·70	4·21	?
	Shirinoo	?	?	0·64	1·41	...	...	...	3·19	...	...	4·25	3·36	?
	Sayad Hamid	?	?	0·50	1·50	...	...	...	...	...	?	5·00	?	?
	Gulistan	?	?	1·71	1·51	0·40	...	...	...	...	...	4·56	3·72	?
	Killa Abdulla	?	?	1·12	1·96	...	0·03	...	...	...	...	5·59	3·27	?
	Khanai	?	?	0·81	1·97	...	...	...	0·30	...	...	2·56	1·50	?
	Fuller's Camp	?	?	1·25	1·84	0·12	...	...	0·20	...	...	4·65	3·20	?
	Kach	?	?	1·02	1·52	0·70	...	...	0·70	...	...	3·82	2·97	?
	Kachkotal	?	?	1·41	1·84	0·06	...	0·11	1·10	...	...	4·05	2·05	?
	Mudgorge	?	?	0·79	1·06	0·08	0·33	1·07	0·77	...	...	5·29	...	?
	Mangi	?	?	0·57	0·45	...	0·10	0·35	0·69	...	...	4·92	3·95	?
	Dergi	?	?	0·61	0·76	...	0·10	0·48	0·90	...	...	3·70	3·80	?
	Khost	?	?	0·17	0·27	0·03	0·32	1·28	1·50	...	...	6·69	2·67	?
	Sharigh	?	?	Not recorded.	...	...	0·45	2·70	4·06	0·25	...	5·94	2·08	?
	Nasak	?	?	0·69	0·25	...	0·10	0·23	5·85	...	...	5·81	3·85	?
	Hurnai	?	?	...	...	...	...	1·60	3·27	...	...	4·69	4·11	?
	Sunari	?	?	0·08	...	0·22	0·07	5·34	2·46	...	...	4·08	2·67	?
	Spintangi	?	?	...	0·05	0·11	...	1·80	1·95	...	...	2·73	3·19	?
	Dalujal	?	?	0·02	0·11	0·43	...	2·26	2·87	0·50	...	2·31	2·13	?
	Kuchali	?	?	0·03	...	0·16	...	1·04	1·36	...	...	2·38	2·38	?
	Babarkach	?	?	0·30	...	0·90	...	1·05	1·00	...	...	2·45	2·21	?
	Tundari	?	?	...	...	...	...	0·10	1·01	...	...	2·14	2·38	?
	Nari	?	?	...	...	0·18	...	0·81	0·52	...	...	1·58	2·14	?
	Sibi	?	?	...	...	...	...	2·79	1·50	...	...	1·60	2·84	?
	New Kolpur	?	?	...	...	...	...	0·86	2·55	...	...	...	1·97	?
	Hirakh	?	?	...	...	...	...	0·66	1·70	...	...	8·49	2·99	?
	Dazan	?	?	...	...	...	...	1·39	4·81	...	Closed.			?

S. & R.- Snow converted and rain.

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

Province.	Station.	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Total.
Beluchistan—*contd.*	New Bank	?	?	...	...	...	...	...	0·83	...	...	2·20	0·26	?
	Lalaj	?	?	...	...	...	...	...	0·97	...	Closed.			?
	Much	?	?	...	...	...	...	1·23	1·97	...	Closed.			?
	Rindli	?	?	...	...	...	...	0·80	...	...	...	2·69	4·17	?
	Kundlani	?	?	...	...	...	...	...	...	...	Closed.			?
	Kirta	?	?	...	...	...	...	0·49	...	...	Closed.			?
	Mittri	?	?	...	...	...	...	0·06	0·36	...	...	1·63	2·52	?
	Lindsay	?	?	...	...	...	...	0·83	0·52	...	...	1·36	1·83	?
	Bellput	?	?	...	...	...	...	...	0·65	...	...	1·41	0·93	?
	Nuttal	?	?	...	...	...	...	...	1·20	...	...	3·80	2·30	?
	Temple Dera	?	?	...	...	...	...	...	2·00	...	...	1·90	0·89	?
	Jhatput	?	?	...	...	...	...	...	0·62	...	...	2·00	0·74	?
Kashmir	Leh	0·01	0·09	...	0·05	0·24	0·15	0·37	1·83	...	...	0·11	0·30	3·15
Punjab	Abbottabad	1·81	1·55	2·36	4·26	0·73	1·03	10·59	10·68	3·43	1·21	3·75	5·19	46·59
	Murree (Obsy.)	1·33	1·24	2·06	4·07	0·95	2·51	12·36	21·91	2·87	5·67	4·08	9·35	68·40
	Murree (Cutchery)	S. & R. 2·50	2·20	1·70	3·70	0·80	1·80	11·80	15·80	2·50	3·40	4·60	7·90	58·70
	Murree (Brewery)	1·76	1·80	2·79	2·98	0·66	2·22	11·72	18·59	1·83	4·10	2·94	9·35	60·74
	Chamba	1·45	2·14	1·74	1·37	1·64	3·38	15·14	9·25	1·27	0·51	0·40	5·75	44·04
	Dharmsala	3·00	2·12	2·84	2·20	0·96	8·05	66·41	39·79	2·49	0·38	0·15	4·69	133·08
	Kailang	0·58	2·60	3·17	3·06	2·34	1·45	1·01	2·64	1·67	...	0·47	2·93	21·92
	Kilba	2·26	5·15	7·90	7·09	3·46	0·86	3·12	5·10	4·58	0·13	0·77	4·05	44·47
	Simla (Obsy.)	1·74	0·72	2·62	3·08	1·40	8·87	26·11	22·14	8·04	0·71	0·02	3·08	78·53
	Simla (Cutchery)	1·49	0·02	2·27	2·85	1·36	8·97	25·19	20·40	6·91	0·67	0·56	1·33	72·02
	Peshawar (Obsy.)	0·50	0·23	0·95	1·89	0·20	...	1·47	1·94	0·02	0·19	4·02	2·33	13·74
	Peshawar (Cutchery.)	0·53	0·23	0·90	2·09	0·32	0·02	0·97	2·20	...	0·20	4·45	2·01	13·92
	Kohat	0·78	0·29	2·31	2·22	1·65	0·94	0·78	5·01	...	0·21	2·60	1·53	18·32
	Bannu	1·00	0·13	3·08	2·26	...	0·33	1·86	2·85	... ...	...	2·71	0·42	14·64
	Dera Ismail Khan	0·33	0·95	0·14	0·21	0·39	1·00	1·77	0·21	1·35	...	1·95	1·55	8·95
	Dera Ghazi Khan	...	...	0·46	0·20	...	...	0·50	0·88	...	...	1·13	0·94	4·11
	Muzaffargarh	0·30	...	0·61	0·23	...	...	2·57	1·26	...	0·56	0·74	1·55	7·82
	Mooltan (Obsy.)	...	...	0·66	...	...	0·84	1·89	2·18	...	0·12	0·70	1·62	8·01
	Mooltan (Cutchery)	...	...	0·50	0·80	...	0·22	1·98	2·89	...	...	0·91	1·67	8·97
	Jhang	0·07	0·05	0·43	0·01	0·20	2·53	2·45	3·57	...	...	0·66	1·42	11·39
	Montgomery	0·42	...	0·08	...	...	0·41	4·93	2·97	...	...	0·58	1·71	11·10
	Shahpur	0·12	0·13	0·78	0·63	0·33	1·82	1·11	2·50	...	0·34	2·50	1·50	11·76
	Rawalpindi	0·74	1·06	1·78	1·57	1·59	1·17	21·06	15·04	0·75	0·68	0·92	4·47	50·83
	Jhelum	0·28	0·44	0·97	2·11	0·74	2·66	13·13	10·32	0·44	0·92	0·37	2·55	34·93
	Gujrat	0·23	0·32	0·96	0·90	1·55	5·97	11·65	14·79	1·94	0·55	0·30	3·45	42·61
	Sialkot (Obsy.)	1·03	0·52	0·63	1·65	0·46	5·04	6·01	30·60	2·24	1·32	0·26	3·74	53·50

S. & R.—Snow converted and rain.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB—*contd.*	Sialkot (Cutchery)	1·11	0·52	0·63	1·62	0·46	5·03	6·56	31·81	2·30	1·27	0·15	3·96	55·42
	Gujranwala .	1·20	0·30	1·36	1·22	0·35	2·80	8·59	15·82	0·48	0·05	0·84	2·63	35·64
	Gurdaspur . .	0·31	0·65	1·10	0·60	0·62	5·25	11·59	8·12	0·22	0·30	0·04	2·92	31·72
	Lahore . .	0·30	0·34	0·58	0·99	...	3·35	11·27	7·38	0·25	0·12	0·50	2·25	27·33
	Amritsar . .	0·29	0·21	1·10	0·83	...	3·47	7·83	8·25	0·45	0·78	0·57	2·60	26·38
	Ferozepore . .	0·31	0·20	0·40	0·30	...	2·63	6·00	4·28	0·57	0·05	0·32	1·53	16·59
	Jullundur . .	0·31	0·35	1·02	0·30	...	3·64	3·67	4·66	0·85	0·27	...	1·85	16·92
	Hoshiarpur .	0·60	0·40	1·87	0·59	0·37	4·45	14·47	5·14	3·37	...	0·32	1·62	33·20
	Ludhiana . .	0·31	0·12	1·73	0·36	...	3·97	9·20	6·01	0·41	0·06	0·01	1·44	23·62
	Umballa . .	0·05	...	0·55	1.44	0·04	4·45	23·36	13·29	0·50	0·39	...	1·47	45·54
	Sirsa . . .	...	0·04	0·23	...	0·72	4·06	6·75	1·02	...	...	...	0·64	13·46
	Hissar . .	0·23	...	0·32	...	1·29	2·50	3·70	1·02	0·58	...	...	0·33	9·97
	Rohtak . .	0·40	...	0·25	0·25	0·40	1·30	10·95	6·21	0·20	0·50	...	0·30	20·76
	Delhi (Obsy.) .	0·35	...	0·57	0·84	0·52	1·67	13·85	8·98	2·23	0·01	...	0·36	29·38
	Delhi (Cutchery) .	0·35	...	0·47	0·92	0·24	2·03	14·44	11·00	2·07	...	...	0·45	31·97
	Gurgaon . .	0·54	...	0·65	...	0·40	2·57	15·18	6·87	0·53	...	...	0·31	27·85
	Karnal . .	0·69	...	0·75	...	0·50	7·13	14·62	13·13	0·92	0·58	...	0·68	39·00
RAJPUTANA .	Jeysulmere .	...	...	...	...	...	0·16	2·60	2·80	...	...	0·32	1·35	7·23
	Phalodi . .	...	...	...	...	...	0·74	4·04	1·31	0·30	...	...	0·40	6·79
	Bickaneer . .	...	0·11	0·13	0·07	...	1·23	2·89	1·07	...	0·55	...	0·63	6·68
	Nagar . .	...	...	0·11	0·05	0·05	1·39	5·18	1·10	0·39	...	...	0·56	8·83
	Didwana . .	...	...	0·26	...	...	1·57	4·05	1·66	0·95	0·05	...	0·35	8·89
	Jhunjhnu . .	...	...	0·13	...	...	3·46	4·93	4·79	0·27	0·10	0·14	0·21	14·03
	Khetri . .	0·35	...	0·45	0·10	...	4·60	8·33	3·00	2·53	0·68	...	0·28	20·32
	Sikar . . .	...	...	...	...	...	4·34	2·83	2·67	0·42	0·44	...	0·34	11·04
	Sri Madhopur .	...	...	0·18	...	0·50	3·59	5·97	8·84	0·36	0·10	...	0·07	19·61
	Ulwur . .	...	...	0·60	0·08	0·10	11·15	9·14	8·95	4·89	0·87	...	0·41	36·19
	Bhurtpur . .	...	...	0·30	0·30	...	7·15	6·55	6·70	2·50	...	...	0·15	23·65
	Bandikui . .	...	...	0·46	...	...	4·29	4·12	5·82	3·49	0·04	...	0·15	18·37
	Jeypore . .	...	...	1·67	0·03	0·02	2·60	8·06	6·66	3·49	0·14	...	0·22	22·89
	Sambhar . .	...	...	0·53	...	...	0·90	3·85	4·01	1·15	0·13	0·01	0·31	10·89
	Kerowlee . .	...	...	0·25	0·14	0·20	15·62	8·77	10·50	4·39	...	...	0·41	40·28
	Lalsot . .	...	...	0·06	...	...	5·28	6·68	8·38	5·32	...	...	...	25·72
	Tonk . . .	...	...	0·10	0·02	0·06	8·92	5·24	5·69	2·09	0·14	...	0·34	22·60
	Siwai Madhopur .	...	...	0·23	0·04	...	8·27	8·14	9·09	1·32	...	...	0·15	27·24
	Deoli . . .	...	...	0·10	0·02	0·20	4·00	2·62	3·80	1·73	1·96	...	0·20	14·63
	Kotah . .	...	...	...	...	...	7·40	5·46	4·27	0·59	0·33	...	0·10	18·15
	Jhalrapatan . .	...	...	0·19	0·39	...	8·98	13·30	6·65	3·80	...	...	1·22	34·53
	Ajmere . .	...	...	0·15	...	1·25	1·77	4·38	4·14	1·48	0·37	0·10	0·91	14·55

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

Province.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Rajputana—*contd.*	Nusseerabad	...	...	0·15	0·03	0·07	1·30	3·99	3·34	2·07	0·23	...	0·27	11·45
	Malpura	...	...	0·17	...	...	1·80	1·06	4·33	0·97	...	...	0·35	8·68
	Beawar	...	...	0·10	...	0·10	0·50	4·90	4·80	3·20	0·10	0·30	0·50	14·50
	Jodhpore	...	...	0·07	...	0·10	2·47	5·78	3·36	2·16	...	...	0·27	14·21
	Jodhpore (Residency).	...	...	0·10	...	0·05	2·28	5·98	2·40	2·23	...	...	0·28	13·32
	Pachpadra	...	...	...	0·30	...	0·79	2·47	2·86	0·36	...	...	0·42	7·20
	Jasol	...	...	...	0·25	...	1·00	5·17	2·62	0·05	...	...	0·35	9·44
	Barmer	...	...	...	...	...	1·83	5·65	5·23	0·53	...	...	0·35	13·59
	Pali	...	...	...	...	...	1·00	6·23	2·68	0·35	...	...	0·23	10·49
	Shahpura	...	...	0·09	...	0·17	3·73	2·57	6·95	0·70	0·43	...	0·93	15·57
	Erinpura	...	...	...	0·21	...	0·82	8·55	3·58	0·09	...	...	0·10	14·16
	Sirohee	...	...	...	...	...	4·05	9·30	4·15	0·95	...	...	...	18·45
	Mount Abu	...	...	0·17	0·54	...	5·51	28·35	27·87	2·17	...	...	0·02	64·63
	Kotra	...	...	...	0·16	...	4·70	28·38	13·71	0·62	...	...	0·14	47·71
	Oodeypore	...	...	0·17	0·21	0·44	4·17	7·42	5·39	1·07	0·50	...	...	19·37
	Partabgarh	...	...	...	0·02	...	7·92	16·55	9·76	2·58	...	...	...	36·83
	Kherwara	...	...	0·02	...	...	9·59	14·03	7·77	3·94	0·33	...	0·03	35·71
	Banswara	...	...	0·05	0·01	...	9·89	20·65	15·10	4·49	0·68	...	...	50·87
	Dholpur	?	?	?	?	?	?	?	?	2·60	...	...	...	?
Central India	Neemuch (Obsy.).	...	...	...	0·04	0·01	2·31	11·16	2·43	3·18	0·76	...	...	19·89
	Neemuch (Cutchery).	...	...	...	...	...	3·46	12·95	2·23	3·36	0·45	...	...	22·45
	Sirdarpore	...	...	...	0·02	...	5·94	8·83	6·53	2·98	0·96	...	0·68	25·94
	Agar	...	...	0·12	0·27	...	6·98	11·84	7·13	5·41	...	...	...	31·75
	Rutlam	...	...	0·10	...	0·20	5·49	9·78	9·70	2·52	...	...	...	27·79
	Indore	...	...	...	0·04	...	5·47	8·07	8·49	7·34	0·18	0·03	...	29·62
	Bhopal (Sehore)	...	...	...	0·60	...	13·46	20·94	10·47	5·90	...	...	0·25	51·62
	Goona	...	...	0·55	0·40	...	23·75	9·38	10·49	3·63	...	...	0·19	48·39
	Morar	...	...	...	0·15	...	6·64	11·38	10·11	3·84	...	...	0·47	32·59
	Nowgong	...	...	0·31	0·06	...	14·52	12·22	11·54	4·91	0·31	...	0·34	44·21
	Sutna	...	0·04	0·79	0·47	0·04	13·93	17·88	9·70	10·48	...	0·01	0·14	53·48
	Nagode	...	0·02	0·82	0·35	0·17	11·82	14·97	10·74	13·40	1·11	...	0·21	53·61
	Maihar	...	0·05	...	0·50	0·98	17·05	10·08	25·41	9·73	0·58	0·03	0·20	64·61
	Rewah	...	0·08	0·93	0·20	0·23	15·24	12·52	15·34	12·69	0·15	...	0·32	57·70
	Chandia	...	...	0·72	0·17	...	19·08	15·39	22·74	15·18	0·01	...	0·30	73·59
	Ramnagar	...	...	0·55	...	...	17·79	17·30	16·71	8·06	...	...	0·41	60·82
	Sihawal (Bardi)	...	...	0·45	...	0·27	10·87	20·69	10·29	11·15	...	...	0·15	53·87
	Teonthar	...	...	0·80	0·33	0·23	10·14	11·61	5·42	15·54	0·20	...	...	44·27
	Sohagpur	...	0·05	1·23	0·09	0·15	10·03	13·66	13·08	11·18	0·50	0·50	1·05	51·52

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES.	Chakrata . .	1·18	1·06	1·98	2·18	1·53	11·07	21·93	19·09	5·18	0·20	...	2·03	67·43
	Mussooree . .	1·75	0·28	1·43	2·32	2·06	8·12	42·59	51·60	5·64	0·18	...	1·98	117·95
	Srinagar . .	1·27	0·44	1·39	1·04	0·48	7·89	9·93	9·69	2·44	0·95	...	1·31	36·83
	Pauri . . .	1·69	0·55	1·61	1·91	1·36	6·40	18·00	14·40	5·40	...	...	1·55	52·87
	Ranikhet . .	1·21	0·64	1·55	1·52	2·23	7·47	25·07	14·92	10·10	0·20	0·03	1·13	66·07
	Almora . .	0·97	0·24	0·82	1·29	1·44	6·29	18·33	7·86	10·31	0·46	...	0·60	48·61
	Pithoragarh .	...	0·57	0·70	1·43	2·40	9·89	16·75	9·35	12·03	1·20	...	0·57	54·89
	Naini Tal . .	2·00	0·40	1·10	9·10	2·11	13·24	61·56	30·00	18·26	0·02	...	0·35	138·14
	Dehra Dun .	0·68	0·08	0·91	0·51	0·60	9·82	39·37	35·21	5·39	0·34	...	1·65	94·56
	Saharanpur. .	0·30	...	0·15	0·70	1·00	3·30	25·12	5·80	8·00	...	...	1·40	45·77
	Roorkee . .	0·35	0·05	0·33	0·86	0·55	4·50	19·55	11·88	6·52	0·14	...	1·49	46·22
	Muzaffarnagar .	0·10	0·02	0·21	...	0·77	5·26	16·28	5·70	5·10	0·10	...	0·67	34·21
	Bijnor . .	0·10	0·01	0·44	1·30	0·80	3·84	19·50	14·71	6·05	...	...	0·75	47·50
	Meerut . .	0·10	...	0·59	0·28	0·85	1·78	15·15	6·16	3·07	...	...	0·64	28·62
	Moradabad .	0·60	...	0·47	...	0·30	3·82	20·87	5·32	4·67	0·10	...	0·23	36·38
	Rudarpur . .	2·40	...	...	0·40	0·20	10·60	40·90	9·10	7·80	...	...	0·20	71·60
	Pilibhit . .	0·40	...	0·40	...	0·20	11·40	30·50	5·60	15·50	...	...	0·30	64·30
	Bulandshahr .	0·29	...	0·18	0·74	0·10	3·62	20·20	8·70	3·18	...	...	0·30	37·31
	Bareilly . .	0·05	...	0·59	0·02	0·34	10·50	18·31	10·96	8·56	0·04	...	0·30	49·67
	Budaun . .	...	...	0·45	1·03	...	9·21	18·04	4·79	6·72	0·35	...	0·35	40·94
	Shahjahanpur .	2·14	0·41	0·44	...	0·86	11·05	14·33	5·00	7·35	...	...	...	41·58
	Aligarh . .	...	...	0·10	0·14	0·73	3·24	17·10	10·37	1·07	...	...	0·24	32·99
	Muttra . .	...	...	0·30	...	0·51	11·52	12·17	8·60	5·81	...	...	0·10	39·01
	Agra . . .	...	...	0·52	0·01	...	5·49	9·65	8·01	3·58	...	...	0·14	27·40
	Etah . . .	...	...	0·30	...	...	4·33	16·56	5·74	1·79	...	...	0·08	28·80
	Mainpuri . .	...	...	...	0·11	0·43	7·17	12·38	2·93	1·30	0·10	...	0·05	24·47
	Farrukhabad .	...	...	...	...	0·17	6·35	10·96	3·62	4·33	...	...	0·40	25·83
	Etawah . .	...	...	...	0·05	0·70	8·08	14·55	7·13	4·00	...	...	0·06	34·57
	Cawnpore . .	...	...	0·47	0·02	0·83	9·17	19·42	4·94	4·03	0·27	...	...	39·15
	Fatehpur . .	...	0·04	0·54	...	...	14·03	12·81	6·49	6·24	0·04	...	...	40·19
	Jalaun (Orai) .	...	...	...	0·10	...	9·80	15·50	3·33	1·80	...	...	0·29	30·82
	Hamirpur . .	...	...	0·33	0·47	0·91	9·31	9·44	4·32	2·37	...	...	0·17	27·32
	Banda . .	...	...	0·65	0·28	0·05	5·36	10·90	9·31	3·87	0·29	...	0·05	30·76
	Allahabad . .	...	...	0·14	...	0·06	14·85	16·71	14·45	10·57	2·52	...	...	59·31
	Basti . . .	...	...	0·21	...	2·64	10·36	19·17	18·66	11·52	0·70	...	0·12	63·38
	Gorakhpur . .	0·16	...	0·10	...	0·96	14·53	26·84	14·12	8·61	0·23	...	0·13	65·68
	Azamgarh . .	...	0·12	0·40	...	0·15	11·14	18·76	7·11	9·79	0·33	...	...	47·80
	Jaunpur . .	...	...	0·15	...	0·27	10·10	16·62	6·63	10·13	0·80	...	...	44·70

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*contd.*	Benares . .	...	...	0·28	...	0·04	12·00	10·64	13·46	9·20	0·52	...	...	46·14
	Mirzapur . .	...	...	0·14	0·02	0·02	9·54	10·04	9·93	13·60	0·03	...	...	43·32
	Ghazipur . .	...	2·76	0·26	...	0·62	11·73	16·12	18·68	10·70	1·00	...	...	61·87
	Ballia . .	...	0·05	0·11	...	1·60	16·89	18·36	15·49	8·77	1·59	...	...	62·86
	Dudhi . .	...	...	1·02	...	0·79	6·78	10·81	15·02	9·41	...	...	...	43·83
	Robertsganj .	...	...	0·38	...	...	11·02	11·97	18 37	13·71	0·19	...	0·21	55·85
	Jhansi . .	...	...	0·55	0·22	0·03	16·59	11·20	14·39	9·01	...	...	0·36	52·35
	Lalitpur . .	...	...	1·32	0·39	...	13·74	6·61	14·37	10·59	0·10	...	0·51	47·63
OUDH . .	Kheri . .	0·20	...	0·11	0·04	0·60	15·00	13·20	12·20	14·10	0·10	...	...	55·55
	Sitapur . .	0·28	...	0·07	...	...	30·62	21·76	7·47	7·54	...	...	0·20	67·94
	Bahraich . .	0·17	0·10	0·15	...	0·95	14·37	18·69	13·96	13·76	0·18	...	0·36	62·69
	Gonda . .	...	...	...	...	0·39	13·02	19·44	10·89	6·81	0·08	...	0·14	50·77
	Hardoi . .	...	...	...	...	...	9·30	9·25	3·90	7·13	...	...	0·20	29·78
	Nawabganj (Bara Banki) . .	...	...	0·07	...	0·41	15·21	11·22	7·55	15·38	0·39	...	0·21	50·44
	Lucknow . .	...	...	0·19	0·13	0·33	15·35	14·74	7·73	6·92	1·05	...	0·50	46·94
	Unao . . .	...	...	0·60	...	0·32	10·28	18·85	2·72	3·00	...	...	...	35·77
	Fyzabad . .	...	...	0·31	...	1·22	15·78	21·41	5·17	12·26	0·93	...	0 07	57·15
	Sultanpur . .	...	...	0·15	...	0·30	13·40	19 55	10·39	12·25	...	...	...	56·04
	Rae Bareli . .	...	...	0·27	...	0·03	14·99	16·73	8·74	6·68	0·07	...	...	47·51
	Partabgarh . .	...	...	...	...	0·96	13 23	20·64	13·18	11·27	0·15	...	...	59·43
NEPAL . .	Katmandu . .	0·34	0·09	0·42	2·87	3·28	10·40	20·21	17·87	7·78	5·40	0 09	...	68·75
BENGAL .	Motiharee . .	0·54	...	0 19	...	7·09	11·49	24·30	12·66	10·66	6 46	...	...	73·39
	Durbhunga .	0·23	...	0·13	0·10	2·30	11·20	22·58	15·84	5·10	2·37	...	...	59·85
	Sewan . .	...	0·09	0·14	...	1·71	12·69	17·75	15·47	11·61	0·81	...	...	60·27
	Buxar . .	...	...	0·30	...	1·69	9·64	14·74	16·59	8·46	1·80	...	...	53·22
	Chupra . .	...	...	0·11	0·05	2·91	10·06	18·70	10·03	5·54	1·95	...	...	49·35
	Arrah . .	...	0·04	0·09	0·03	1·51	11·94	28·44	12·93	8·92	3·29	...	...	67·19
	Patna (Bankipur)	...	0·03	0·07	0·01	3·39	7·80	17·41	17·38	4·94	1·02	...	...	52·05
	Mozufferpore .	0·06	...	0·11	0·04	1·43	9·12	23·02	15·59	5·96	1·56	...	...	56·89
	Barh . . .	...	...	0·20	...	1·93	7·25	13·76	12·49	7·80	1·25	...	...	44·68
	Sasseram . .	...	0·05	0·85	0·12	0·37	9·93	13·55	12·82	6 70	0·94	...	0·08	45·41
	Gya . . .	...	...	0·35	...	0·91	11·15	21·57	20·95	6·02	0·34	...	0·08	61·37
	Jamooee . .	...	...	0·10	...	1·20	18·41	21·53	11·99	4·95	2·14	...	...	60·32
	Muddehpoora .	...	...	0·10	0·76	3·30	13·61	23·50	11·10	7·37	3·23	...	...	62·97
	Monghyr . .	...	0·10	...	0·01	4·18	14·50	18·63	9·95	6·80	2·36	...	...	56·53
	Bhagalpur . .	...	0·02	...	0·04	4·47	10·90	17·83	18·62	5·68	5·41	...	...	62·97
	Godda . .	...	...	0·70	0·03	4·75	10·81	17·18	10·30	3·65	5·66	...	...	53·08
	Palamow . .	...	...	0·96	0·18	1·48	7·27	18·12	12·87	3·85	0·59	...	...	45·32
	Hazaribagh .	...	...	0·41	...	1·06	8·92	20·09	10·99	7·76	1·33	0·02	0·05	50·63

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

Province.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bengal —*contd.*	Ranchee	...	...	2·62	...	3·27	7·99	13·62	7·76	9·29	2·54	...	...	47·09
	Lohardugga	...	...	1·49	...	0·76	8·34	14·77	22·18	5·93	1·76	...	...	55·23
	Nya Doomka	0·02	...	0·33	1·32	2·02	14·99	18·11	19·91	6·80	12·35	0·11	0·14	76·10
	Gobindpur	...	...	0·86	0·03	0·52	11·74	10·14	6·42	6·39	3·57	0·21	0·29	40·17
	Purulia	0·06	...	0·97	0·47	3·37	12·78	11·42	8·78	5·59	3·03	...	...	46·47
	Sirguja	...	...	...	...	2·80	6·66	23·03	36·67	11·28	...	...	0·09	80·53
	Jushpore	...	...	2·09	...	0·97	10·86	21·01	19·17	9·04	1·03	0·74	...	64·91
	Gangpur	...	...	1·90	...	0·50	11·19	17·80	18·31	6·61	0·23	...	...	56·54
	Chybassa	...	...	1·08	0·04	4·25	9·04	9·42	3·48	7·18	1·73	...	0·59	36·81
	Barreepudda	...	...	1·87	0·77	4·72	14·77	7·49	9·74	18·30	9·43	0·61	0·05	67·75
	Keonjhar	...	...	0·61	...	2·61	4·70	9·30	4·90	5·10	3·21	...	...	30·43
	Jellasore	...	0·15	4·74	...	5·96	12·22	5·79	8·46	22·05	10·36	1·21	1·00	71·94
	Balasore	...	0·20	3·19	0·88	6·20	14·76	5·76	7·86	22·89	9·18	2·25	0·46	73·63
	Bhuddruck	...	0·30	2·95	0·80	4·57	14·36	7·24	5·89	14·47	11·14	0·68	0·38	62·78
	Talcher	...	...	0·90	1·14	1·40	6·66	11·39	14·24	8·85	3·86	0·04	0·03	48·51
	Narsingpur	...	...	1·90	...	1·86	9·27	15·16	11·10	6·65	4·58	0·43	...	50·95
	Angul	...	...	1·22	0·24	2·57	5·24	11·47	7·85	8·14	5·64	0·25	0·26	42·88
	Dhenkanal	...	0·12	1·39	0·98	3·57	9·88	16·38	9·75	9·47	5·42	0·13	0·20	57·29
	Bispara	...	...	0·98	1·20	1·25	7·40	17·32	7·45	4·33	7·82	0·20	...	47·95
	Kunjabangar	...	...	3·32	...	9·45	16·79	14·90	13·27	8·49	7·55	...	...	73·77
	Banki (Charchika)	...	0·09	3·96	0·19	3·15	11·40	14·70	11·13	13·99	6·47	5·25	1·70	72·03
	Cuttack	...	...	2·40	...	3·83	12·24	21·15	14·03	21·02	8·54	1·94	...	85·15
	Baramba	...	...	2·81	2·13	1·95	14·05	16·97	7·98	11·60	5·34	0·64	0·22	63·69
	False Point	0·20	...	0·52	...	2·35	10·40	12·27	11·01	15·71	10·71	3·69	...	66·86
	Pooree	0·08	...	1·32	...	1·84	9·29	14·81	13·55	16·30	11·90	2·28	0·47	71·84
	Darjeeling	0·40	0·01	0·08	5·05	6·11	31·32	58·63	30·21	16·09	10·50	0·04	...	158·44
	Pedong	?	?	?	?	?	?	?	10·86?	14·69	12·03	...	0·06	?
	Baxa	1·28	0·01	...	7·58	10·43	44·09	60·55	51·48	27·54	20·68	0·22	0·50	224·36
	Jalpaiguri	0·18	...	...	6·24	7·47	40·82	41·46	31·07	21·27	18·29	...	...	166·80
	Cooch Behar	0·55	...	0·13	10·45	7·07	47·90	29·08	45·32	29·86	12·49	...	...	182·85
	Kissengunge	1·30	...	...	1·36	3·51	25·42	21·52	27·97	16·21	13·32	...	...	110·61
	Purneah	0·02	...	0·05	0·30	3·44	15·07	19·59	19·12	20·90	6·68	...	...	85·17
	Rungpore	0·57	...	0·06	2·38	8·83	25·09	13·73	11·27	23·56	19·95	...	...	105·44
	Dinagepore	0·49	...	...	3·48	8·52	17·81	16·88	18·05	14·00	14·78	...	...	94·01
	Maldah	...	0·06	0·21	0·46	4·72	11·50	9·93	18·64	14·43	6·87	0·03	...	66·85
	Bogra	0·70	...	0·99	3·02	4·87	13·80	13·82	17·08	18·44	12·06	0·68	...	85·46
	Rampore Bauleah	0·14	...	...	3·35	3·69	17·03	22·67	6·91	10·82	10·43	0·95	...	75·99
	Pubna	0·33	...	0·71	2·39	4·82	11·33	8·77	9·48	8·85	4·14	...	...	50·82
	Soory	...	...	0·59	1·20	1·16	16·36	20·92	8·64	8·57	6·37	0·33	0·22	64·36

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*concld.*	Bankoora . .	0·07	...	1·13	1·05	4·61	12·16	20·70	4·25	11·28	4·76	...	...	60·01
	Burdwan . .	0·18	...	0·75	1·24	2·96	21·92	19·52	7·16	11·00	3·50	0·56	...	67·89
	Hooghly . .	0·61	...	0·58	0·35	4·33	15·47	6·38	7·52	12·52	6·17	...	0·14	54·07
	Howrah . .	0·52	...	0·40	0·81	3·16	13·44	8·61	9·27	9·95	7·06	...	0·16	53·38
	Midnapore . .	...	...	0·90	0·67	5·81	17·50	6·04	5·72	7·80	5·10	...	...	49·54
	Tumlook . .	0·20	...	0·90	0·10	9·20	12·70	10·40	6·50	12·20	7·10	...	0·60	59·90
	Berhampore .	0·12	...	0·20	0·41	1·76	10·79	20·50	11·29	8·52	7·61	0·05	...	61·25
	Kishnaghur .	...	...	0·20	1·40	5·27	14·31	13·07	9·11	12·13	7·67	0·20	0·07	63·43
	Furreedpore .	1·80	...	2·64	1·58	5·21	10·87	11·02	14·47	4·04	7·38	...	...	59·01
	Jessore . .	1·55	...	0·35	3·44	5·28	19·92	9·10	12·59	6·09	9·76	...	0·03	68·11
	Busseerhat . .	1·49	...	0·16	5·12	6·38	14·25	11·31	10·76	5·31	10·89	...	0·18	65·85
	Khoolna . .	1·04	...	0·30	2·28	5·73	15·74	12·79	7·27	4·86	7·99	...	...	58·00
	Burrisal . .	0·59	...	0·79	4·15	7·08	18·34	18·27	8·52	7·43	7·07	...	...	72·24
	Calcutta (Chowringhee).	1·02	...	0·46	0·75	4·11	15·05	10·33	10·40	11·60	8·89	...	0·17	62·78
	Alipore (Jail) .	1·07	...	0·41	0·92	4·70	13·93	11·55	10·14	12·42	9·68	0·05	...	64·87
	Alipore (Obsy.) .	0·77	...	0·33	1·00	5·34	13·40	10·29	9·04	12·53	8·54	0·01	0·03	61·28
	Saugor Island .	...	0·11	0·82	0·02	5·66	9·80	8·07	9·88	12·52	21·76	1·44	0·07	70·15
	Mymensingh .	1·38	...	2·18	5·61	10·93	20·46	19·37	12·90	9·86	8·88	0·05	...	91·62
	Kishorganj .	1·24	...	3·01	3·97	11·84	18·30	13·81	14·85	7·98	6·10	...	...	81·10
	Atia (Tangail) .	1·69	...	1·36	5·99	14·82	11·01	11·10	8·19	4·87	8·95	0·81	...	68·79
	Dacca . .	2·76	...	2·61	6·53	13·17	11·08	15·72	11·30	1·98	6·06	...	...	71·21
	Comillah . .	0·80	...	0·29	2·50	10·44	13·92	21·17	12·73	4·84	8·21	...	...	74·90
	Agartalla . .	0·30	...	3·78	6·27	12·84	16·18	16·64	7·91	8·32	?	?	?	?
	Noakholly . .	0·41	...	3·09	5·62	10·87	16·77	24·91	20·34	12·93	10·08	...	...	105·02
	Demagiri . .	0·19	...	6·82	2·75	7·29	14·10	17·58	16·88	20·99	6·29	0·40	0·57	93·86
	Rangamatia Hill .	0·08	0·88	4·60	4·98	7·58	14·11	20·95	17·14	7·92	3·60	0·03	0·04	81·92
	Chittagong .	0·66	...	2·96	4·34	2·49	16·48	51·28	22·39	11·01	4·38	1·37	0·33	117·69
	Cox's Bazar .	...	...	2·12	4·26	7·35	34·10	45·12	26·45	11·79	3·39	1·37	0·45	136·40
ASSAM .	Sylhet .	0·97	0·02	8·33	25·72	24·09	37·89	34·38	34·34	14·98	2·70	...	0·56	183·98
	Silchar . .	1·45	0·11	19·97	12·79	11·16	21·90	17·15	20·02	12·06	4·07	...	0·49	121·17
	Cherra Poonjee .	1·12	0·36	8·65	38·38	29·44	200·15	117·21	120·05	18·57	7·38	...	...	541·31
	Tura . . .	1·10	...	0·49	6·68	12·47	38·39	24·05	25·43	19·65	18·87	...	...	147·13
	Shillong . .	0·38	...	0·75	4·26	7·62	22·04	12·25	12·09	7·87	6·11	0·86	...	74·23
	Dhubri . .	0·94	...	0·27	6·84	10·30	39·49	10·84	14·35	15·26	10·61	...	...	108·90
	Goalpara . .	1·02	...	0·20	5·60	10·71	36·54	13·70	13·55	10·16	6·25	...	...	97·73
	Kulsi . .	0·45	...	0·85	7·31	6·05	10·89	16·04	8·45	2·70	1·84	...	...	54·58
	Gauhati . .	0·86	0·27	0·37	7·35	4·56	10·26	17·68	9·52	3·69	3·26	1·12	0·27	59·21
	Nowgong . .	1·75	0·61	0·84	3·11	4·44	12·29	27·09	14·28	8·43	4·26	1·00	0·21	78·31

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

Province.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Assam—*contd.*	Tezpur . .	1·77	0·03	0·32	5·39	2·97	10·49	16·89	14·92	6·08	3·90	0·48	1·21	64·45
	Chardner . .	0·78	...	0·44	8·21	4·39	16·82	17·63	14·60	12·16	9·18	0·51	5·53	90·25
	Sibsagar . .	2·88	0·96	3·10	6·94	3·75	17·19	21·75	19·08	9·39	4·48	0·43	2·84	92·79
	Dibrugarh . .	0·63	1·07	6·20	10·20	6·35	29·88	17·99	27·05	5·20	8·41	0·05	2·39	115·42
	Kohima . .	1·16	...	1·87	3·81	7·27	13·56	24·88	9·54	7·77	5·36	...	...	75·22
Central Provinces.	Saugor . .	...	0·01	0·33	0·17	...	19·96	13·38	9·34	11·73	0·09	0·11	0·32	55·44
	Damoh . .	...	...	0·61	0·51	...	19·15	12·03	19·31	6·02	...	...	0·06	57·69
	Jubbulpore . .	...	0·08	1·49	0·11	0·05	8·35	12·46	13·91	9·90	0·73	0·60	...	47·68
	Narsingpur .	...	0·07	1·30	0·10	0·08	6·95	17·47	10·33	14·08	0·09	...	...	50·47
	Hoshangabad .	...	0·05	0·26	0·28	0·06	4·38	12·28	10·78	10·07	0·46	...	0·09	38·71
	Khandwa . .	...	...	0·08	0·84	0·03	3·15	6·53	7·12	6·68	0·01	0·26	1·31	26·01
	Badnur (Betul) .	...	...	0·24	0·47	...	7·92	12·55	14·95	11·94	0·63	1·63	0·45	50·78
	Pachmarhi . .	...	0·05	0·25	0·31	...	8·46	25·79	15·46	17·76	1·01	2·34	0·16	71·59
	Chhindwara .	...	...	...	0·50	...	7·20	15·84	7·14	10·71	0·07	2·85	0·52	44·83
	Seoni . .	...	...	0·50	0·74	0·02	7·05	20·08	15·61	14·04	0·50	1·85	1·61	62·00
	Balaghat . .	...	...	1·07	0·55	...	9·24	29·59	19·06	8·99	0·95	2·92	0·55	72·92
	Mandla . . .	...	0·18	1·03	0·85	...	8·49	17·09	16·79	6·96	0·25	0·81	...	52·45
	Bilaspur . .	...	...	1·02	0·52	...	4·48	22·64	10·08	12·74	1·07	0·68	...	53·23
	Chappa . .	...	...	...	...	...	2·20	13·60	5·90	...	...	...	...	21·70
	Sarangarh . .	...	...	...	...	...	5·92	16·53	16·88	9·97	0·15	3·00	...	52·45
	Raigarh . .	...	...	...	...	0·04	9·48	23·38	20·16	7·77	...	0·31	...	61·14
	Sambulpur . .	...	...	3·17	0·10	0·98	10·89	25·29	13·53	5·49	0·23	0·39	...	60·07
	Raipur . .	...	...	0·55	0·72	0·46	6·75	10·29	12·96	7·99	0·15	1·07	0·26	41·20
	Dhamtari . .	...	...	0·41	0·30	...	8·25	11·40	10·57	9·67	0·97	1·54	0·29	43·40
	Bhandara . .	...	...	...	0·61	...	8·57	22·12	11·04	18·30	0·71	10·05	2·30	73·70
	Nagpur . .	...	...	0·26	0·19	0·04	9·67	15·66	11·72	13·92	0·06	2·53	2·62	56·67
	Arvi . . .	...	...	0·69	0·35	...	5·00	14·55	6·12	6·04	0·15	0·50	1·50	34·90
	Wardha . .	...	...	...	1·11	...	3·75	14·48	3·66	9·76	0·06	2·96	0·96	35·74
	Brahmapuri . .	...	...	0·17	0·20	0·01	10·59	12·66	14·05	10·17	0·20	4·98	1·80	54·83
	Chanda . .	...	...	0·10	0·18	...	8·36	21·49	6·65	12·48	0·13	2·02	1·09	52·50
	Sironcha . .	...	...	...	0·35	0·07	10·66	16·19	10·51	12·96	1·44	0·78	1·85	54·71
	Bastar (Jagdalpore).	...	...	0·65	5·85	0·12	14·20	8·79	19·32	13·34	2·50	...	0·63	65·40
Berars. .	Makhla . .	...	...	0·33	0·42	...	10·44	26·46	14·35	17·45	0·48	0·78	0·57	71·28
	Chikalda . .	...	...	0·63	0·52	...	8·08	25·85	11·51	11·22	0·05	0·48	0·26	58·60
	Ellichpur . .	...	...	0·22	0·49	0·16	4·79	11·04	3·06	5·26	0·23	2·52	0·17	27·94
	Amraoti . .	...	...	0·29	0·50	...	7·26	13·15	3·02	5·82	0·19	1·43	0·74	32·40
	Akola . .	...	...	0·17	0·71	0·11	6·85	15·33	4·04	4·47	0·16	0·74	0·88	33·46
	Buldana . .	...	...	0·24	0·09	...	7·62	8·99	12·33	8·26	0·72	1·35	0·75	40·35

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BERAR—*contd.*	Basim	...	...	0·80	0·33	...	6·31	18·98	5·34	4·57	0·61	5·11	0·55	42·60
	Yeotmal	...	...	...	0·75	...	8·15	13·47	4·61	10·17	0·28	1·96	1·02	40·41
	Wun	...	...	...	0·17	...	9·81	23·61	7·12	13·62	0·35	1·55	1·37	57·60
HYDERABAD	Aurangabad (Cant.)	...	...	...	...	0·26	6·08	4·63	3·69	3·28	1·69	3·54	2·44	25·61
	Aurangabad	...	...	...	...	0·20	8·00	3·77	2·91	4·18	1·70	4·80	2·89	28·45
	Jalna	...	...	...	0·05	...	7·59	5·24	4·85	7·28	1·96	5·08	2·64	34·69
	Hingoli	...	...	...	0·30	0·02	8·14	20·07	4·64	3·99	2·15	5·84	0·92	46·07
	Hingoli (Parbhani)	...	...	...	0·28	...	8·58	10·82	6·13	5·46	1·15	2·94	...	35·36
	Nandair (Nandair)	...	...	1·33	0·25	...	10·65	17·27	8·34	10·64	0·36	1·21	0·98	51·03
	Bheer (Bheer)	...	...	0·19	...	...	9·70	1·69	6·18	7·08	1·02	5·31	1·51	32·68
	Mominabad	...	...	0·20	2·03	0·05	8·48	7·08	4·35	9·58	0·20	3·87	2·16	38·00
	Indur (Indur)	...	...	0·38	...	0·13	8·34	19·20	6·16	10·36	0·02	1·36	2·66	48·61
	Kurreemnuggar (Yelgandal).	...	...	...	0·56	...	6·22	10·54	4·24	8·67	0·26	3·58	0·59	34·66
	Kundy (Medak)	...	...	...	0·64	0·26	6·46	4·10	11·33	8·42	0·61	2·14	0·08	34·04
	Shumsabad (Ibrahimpatan).	...	...	0·17	1·40	1·00	7·33	2·74	7·20	7·30	1·83	2·09	0·11	31·17
	Sundanully (Ibrahimpatan).	...	...	0·12	0·53	1·89	5·04	4·77	7·90	12·61	0·39	0·82	0·66	34·73
	Daraseo (Naldurg)	...	...	...	0·92	0·47	8·85	11·58	4·64	7·08	2·48	...	1·55	37·57
	Bidar (Bidar)	...	...	0·17	1·22	0·05	6·16	6·75	7·40	6·61	1·72	2·69	4·57	37·34
	Gulbarga (Gulbarga.)	...	...	0·18	0·28	0·20	2·56	2·83	6·20	5·72	2·17	2·27	0·39	22 80
	Bolarum	...	...	...	0·86	0·41	8·08	6·37	8·03	4·85	1·75	1·90	0·87	33·12
	Secunderabad	...	...	...	0·38	1·48	7·79	5·94	11·43	5·27	0·37	1·67	0·59	34·92
	Hyderabad (Residency).	...	...	...	0·27	1·46	7·92	4·44	11·69	6·75	0·42	2·51	0·10	35·56
	Hyderabad (Engineer's Office).	...	...	...	0·22	1·66	7·97	4·16	12·24	7·17	0·31	2·64	0·20	36·57
	Zanawada (Hyderabad).	...	...	...	0·64	1·00	9·25	3·31	9·01	7·14	1·59	1·63	...	33·57
	Bongheer (Nalgonda).	...	...	...	...	...	5·93	1·44	3·85	4·25	0·74	1·46	...	17·67
	Hanamconda (Warungal).	...	...	...	0·42	1·12	8·08	8·19	2·95	9·80	0·12	0·87	...	31·55
	Kummummett (Warungal).	?	?	?	?	?	?	?	5·22	6·65	1·93	2·92	...	?
	Sirpur Tandur (Sirpur Tandur).	...	...	...	...	...	7·44	22·22	1·92	10·07	0·90	2·53	1·00	46·08
	Palmoor (Mahboobnuggur).	...	...	0·03	1·93	0·99	5·62	7·82	5·30	11·15	2·64	0·74	0·31	36·53
	Raichur (East Raichore).	...	...	0·35	0·83	...	7·33	6·57	6·23	9·41	3·95	3·72	1·08	39·47
	Raichur (Cant.)	...	...	0·27	0·81	0·20	6·90	4·49	3·61	5·43	1·71	2·38	0·74	26·54
	Lingsugur (W. Raichore).	...	...	...	1·00	0·56	1·97	0·64	3·50	7·23	5·12	6·13	0·39	26·54
BOMBAY	Dhulia	...	...	...	1·22	...	9·44	1·88	4·51	6·22	0·40	0·40	1·43	25·50
	Nasik	...	...	...	0·52	...	8·16	3·15	4·32	6·07	4·77	0·26	2·12	29·37
	Igatpuri	...	...	...	...	0·61	36·90	57·75	34·64	11·65	3·45	0·53	0·60	146·13
	Malegaon	...	...	...	0·17	0·58	5·70	0·72	2·79	6·46	0·11	0·72	0·32	17·57
	Ahmednagar	...	...	...	0·32	0·08	3·89	0·45	2·41	3·94	4·19	2·40	3·91	21·59
	Poona	...	...	...	1·26	0·15	3·59	4·38	3·37	4·02	2·48	4·46	0·38	24·29
	Lanauli	...	...	...	...	0·30	36·09	79·53	51·96	18·14	0·45	2·42	0·50	189·39

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—*contd.*	Satara . .	...	...	0·01	0·86	...	10·42	13·40	5·30	2·55	1·35	1·13	2·43	37·45
	Mahableshwar .	...	...	...	1·40	0·03	66·62	144·60	85·76	18·42	1·87	3·12	0·85	322·67
	Sholapur . .	...	...	0·25	0·68	...	4·49	2·21	5·48	6·18	0·78	6·83	1·43	28·33
	Kolhapur . .	...	...	...	2·68	0·68	6·23	23·13	8·79	3·07	4·60	2·57	1·63	53·38
	Baura . .	...	...	...	0·19	4·01	47·74	128·71	72·64	14·29	8·76	4·02	2·92	283·28
	Belgaum . .	...	...	...	2·01	0·21	6·50	21·72	5·79	2·94	7·70	5·06	0·20	52·13
	Gokak . .	...	...	...	1·89	...	1·42	4·87	1·72	3·28	2·04	2·95	0·87	19·04
	Dharwar . .	...	...	...	3·56	0·80	2·06	7·98	1·57	1·94	3·97	5·75	0·91	28·54
	Hubli . .	...	...	...	1·84	0·65	3·18	4·21	0·62	5·38	7·76	4·65	0·55	28·84
	Nargund . .	...	...	...	0·50	1·08	2·49	2·10	2·90	7·62	6·86	1·20	0·65	25·40
	Mandargi . .	...	...	...	3·16	0·58	1·70	2·25	1·43	4·43	5·07	7·21	0·43	26·26
	Kalghatgi . .	...	...	...	4·17	1·13	4·41	8·44	5·06	2·31	5·19	9·30	0·70	40·71
	Bijapur . .	...	...	0·07	1·44	2·02	5·13	0·74	1·72	7·38	3·12	6·39	0·55	28·56
	Honawar . .	...	...	...	1·05	11·88	50·54	53·73	26·52	5·03	4·25	0·87	0·18	154·05
	Karwar . .	...	...	...	1·92	5·28	38·16	46·68	24·83	5·73	1·09	2·30	...	125·99
	Goa . . .	...	...	...	...	1·45	32·50	40·46	26·42	3·04	2·05	2·12	...	108·04
	Vingurla . .	...	...	0·50	0·17	6·17	31·71	51·90	23·17	6·62	3·65	0·58	...	124·43
	Ratnagiri . .	...	...	0·01	...	0·93	40·79	45·48	31·03	5·23	0·31	1·38	...	125·16
	Colaba (Obsy.) .	...	...	...	0·01	0·05	23·87	21·85	10·84	6·60	0·58	1·25	0·13	65·18
	Byculla (J. J. Hospital).	...	...	...	...	0·32	31·34	23·26	13·04	9·34	...	0·50	...	77·80
	Tanna . .	...	...	...	...	0·03	35·44	30·86	23·05	7·07	0·88	0·67	...	98·00
	Matheran . .	...	...	...	...	...	53·44	126·94	77·15	29·24	3·37	2·35	...	292·49
	Surat . .	...	...	...	...	...	29·98	13·93	5·23	6·30	0·87	0·04	...	56·35
	Broach . .	...	...	...	...	...	13·02	4·83	6·73	2·39	...	...	...	26·97
	Kaira . .	...	...	...	...	...	2·65	10·16	10·94	2·42	...	...	0·07	26·24
	Bariya . .	...	...	...	...	...	4·56	16·60	14·72	4·43	0·10	...	...	40·41
	Godhra . .	...	...	0·14	...	...	8·94	13·54	10·08	4·32	0·09	...	...	37·11
	Dohad . .	...	...	...	...	...	4·21	7·47	8·38	4·63	...	...	0·59	25·28
	Ahmedabad .	...	...	...	...	...	4·06	8·75	5·91	4·03	...	...	...	22·75
	Edar . . .	...	...	...	0·26	...	4·63	15·11	12·13	1·33	...	...	...	33·46
	Deesa . .	...	...	0·01	0·07	...	1·42	5·60	6·55	1·09	...	...	0·02	14·76
	Wadhwan .	...	...	0·01	0·02	...	2·22	1·86	1·62	1·02	0·44	...	...	7·19
	Palanpur . .	...	...	0·09	0·02	...	2·03	10·92	6·91	0·84	...	...	...	20·81
	Rajkot . .	...	...	...	0·05	0·38	2·67	4·89	6·68	1·80	0·19	...	0·50	17·16
	Songad . .	...	...	...	0·25	...	4·57	5·97	4·95	1·95	0·03	...	...	17·72
	Jetalsar . .	...	...	...	...	...	7·71	5·97	5·06	0·89	1·70	...	...	21·33
	Bhuj . . .	...	...	...	...	...	3·57	3·83	1·52	0·76	0·11	0·09	1·05	10·93
	Rhahpur . .	...	...	...	...	...	0·25	3·64	4·20	...	...	...	...	8·09
	Nag[illegible] . .	...	...	...	0·10	1·30	0·30	3·20	3·89	0·10	...	0·05	0·20	9·14

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Total.
BOMBAY—*contd.*	Kurrachee	...	...	0·01	...	...	0·05	2·90	4·09	...	...	4·66	1·41	13·12
	Sehwan	...	...	0·03	0·10	...	...	0·80	0·24	...	...	1·89	0·68	3·74
	Tatta	...	...	...	...	...	0·80	2·31	1·98	...	...	4·04	1·37	10·50
	Hyderabad (Obsy.)	...	...	...	...	...	1·72	2·43	4·85	...	...	1·90	0·65	11·55
	Umarkot	...	...	...	0·02	...	...	6·10	2·37	...	...	0·98	0·40	9·87
	Shikarpur	...	0·04	0·03	0·03	...	...	1·15	4·05	...	...	3·31	1·77	10·38
	Rohri	...	0·10	...	...	...	...	1·99	5·11	...	...	2·11	0·91	10·22
	Jacobabad	...	...	0·02	0·06	...	...	1·59	0·49	...	...	2·50	1·17	5·83
MADRAS	Ganjam (Rambha)	...	...	2·93	...	1·65	7·54	11·97	7·10	7·22	9·58	1·47	0·75	50·21
	Gopalpur	...	...	0·51	0·08	1·35	2·57	7·76	4·55	3·98	10·34	5·23	0·91	37·28
	Aska	...	...	2·04	0·15	5·96	6·81	7·19	5·89	6·29	8·45	3·14	1·10	47·02
	Aska (Minchin Bro.'s Bungalow)	...	...	2·00	0·29	5·25	6·73	7·41	8·66	7·15	9·95	2·70	1·28	51·42
	Aska (Minchin Bro.'s Office.)	...	...	1·92	0·26	4·80	6·72	7·00	8·65	6·93	9·69	2·60	1·37	49·94
	Vizianagram	...	...	1·70	...	0·70	3·35	2·40	10·15	7·90	2·90	5·65	0·30	35·05
	Bimlipatam	...	...	...	0·10	0·35	5·14	1·85	1·85	4·60	10·20	3·20	...	27·29
	Rayaghadda	...	...	1·00	2·00	2·00	13·60	5·80	12·40	7·20	2·90	1·10	1·15	49·15
	Nourangapur	...	...	0·30	1·10	1·10	12·37	14·04	24·15	9·75	0·95	...	0·30	64·06
	Gunipur	...	...	2·70	0·35	3·05	7·55	8·35	8·70	4·85	2·70	4·85	1·50	44·60
	Jeypur	...	...	0·60	2·40	0·80	20·90	23·10	36·40	11·70	5·80	3·00	0·40	105·10
	Koraput	...	...	1·20	2·55	0·70	19·65	18·45	17·35	12·80	5·05	1·80	0·40	79·95
	Malkanagiri	...	...	0·20	1·05	1·35	12·40	16·90	21·55	13·40	3·00	4·55	...	74·40
	Narsapatnam	...	...	1·70	0·30	1·75	10·15	8·24	5·83	10·62	7·60	2·86	1·45	50·50
	Vizagapatam	...	...	0·19	2·17	2·01	5·69	3·71	4·23	5·74	7·31	4·82	0·58	36·45
	Cocanada	...	...	...	...	1·35	9·60	9·35	4·05	7·75	4·70	4·35	...	41·15
	Rajahmundry	...	...	...	0·12	0·55	8·00	13·72	5·14	8·20	5·54	2·53	0·04	43·84
	Ellore	...	...	...	...	0·54	9·37	11·30	3·56	0·75	5·53	4·55	...	35·60
	Masulipatam	...	...	...	...	...	4·86	4·22	4·01	3·32	5·88	10·46	1·13	33·88
	Guntur	...	...	...	...	...	6·62	3·60	2·85	2·10	3·65	5·85	...	24·67
	Vinukonda	...	...	0·95	...	0·88	1·71	0·58	4·06	4·69	6·26	5·68	0·34	25·15
	Ongole	...	...	...	.	0·30	2·00	0·20	3·05	5·20	5·35	11·30	0·65	28·05
	Nellore	...	...	...	...	...	2·25	2·45	1·15	0·50	1·30	2·25	1·75	11·65
	Udayagiri	...	...	1·55	0·30	0·95	2·45	2·05	1·05	2·28	4·55	4·50	2·20	21·88
	Tada	0·10	...	...	...	...	2·97	4·30	1·15	2·33	5·85	2·98	0·43	20·11
	Kurnool	...	...	0·09	1·36	0·75	7·55	2·82	8·34	9·01	4·98	1·77	0·36	37·03
	Cumbum	...	...	...	...	...	2·63	1·90	6·27	3·35	0·40	3·25	1·23	19·03
	Nandyal	...	...	...	2·03	1·54	5·64	2·48	9·29	12·18	2·65	0·72	...	36·53
	Bellary	...	...	0·12	1·29	2·34	0·70	1·00	1·00	5·89	5·98	4·54	0·30	23·16
	Gooty	...	...	...	0·43	0·85	0·80	0·56	3·20	5·98	1·47	3·60	...	16·89
	Adoni	...	...	0·05	1·80	0·95	3·95	2·73	9·55	6·65	1·28	3·15	3·10	33·21

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*contd.*	Dharmavaram .	...	...	0·05	0·20	0·13	0·77	0·05	1·10	4·50	4·58	6·36	0·73	18·47
	Cuddapah . .	...	...	...	0·95	0·34	4·20	4·41	5·40	8·65	4·70	2·10	0·90	31·65
	Madnapalle .	...	...	...	0·90	0·72	0·58	0·09	1·30	3·67	4·51	3·68	...	15·45
	Chittoor . .	...	...	0·42	3·00	0·15	6·97	6·67	3·91	6·74	5·59	5·37	0·40	39·22
	Vellore . .	0·20	...	...	1·05	5·56	3·51	6·28	4·81	5·22	9·82	5·36	1·99	43·80
	Chandragiri .	...	...	...	0·50	0·65	2·40	2·27	6·75	3·05	3·15	3·05	0·95	22·77
	Arcot . .	...	...	...	...	0·64	7·72	4·70	5·54	7·67	9·02	1·93	0·25	37·47
	Madras . .	0·35	...	...	0·17	...	6·07	7·28	2·20	2·43	4·36	4·59	0·49	27·94
	Palmaner . .	...	...	0·15	0·45	3·42	15·13	2·87	4·69	7·45	7·83	1·78	0·27	44·04
	Saidapet . .	0·50	...	...	0·15	...	7·40	5·79	2·40	4·57	3·65	3·20	0·40	28·06
	Chingleput . .	0·37	...	...	0·75	1·35	8·51	9·07	3·85	5·15	9·54	3·07	0·65	42·31
	Conjeeveram .	0·18	...	...	2·50	...	7·90	5·40	4·17	3·23	11·27	1·60	0·98	37·23
	Tindivanam .	0·20	...	...	...	0·65	1·05	6·25	6·60	4·40	12·25	5·55	0·50	37·45
	Cuddalore .	·079	...	...	...	...	7·29	3·43	1·78	7·22	8·23	4·80	2·22	35·76
	Vriddhachalam .	0·40	...	...	3·95	1·55	5·50	2·35	6·20	7·55	10·25	8·10	...	45·85
	Udayarpalaiyam .	0·55	...	0·25	3·80	1·73	2·35	3·68	5·05	7·15	7·88	3·63	0·25	36·32
	Salem . .	0·20	...	2·26	0·73	4·39	3·38	6·81	3·83	2·38	1·94	5·70	0·04	31·66
	Atur . . .	0·55	...	1·80	0·95	2·50	5·58	2·45	6·83	4·83	4·20	5·80	...	35·49
	Shevaroy Hills .	0·75	...	1·00	2·80	4·45	5·25	6·65	8·05	5·00	5·85	8·75	0·55	49·10
	Kumbakonam .	0·85	...	...	0·70	2·05	5·50	3·25	2·25	4·55	11·63	3·03	0·65	34·46
	Tirupatur . .	...	...	...	...	3·53	3·58	1·33	9·50	4·90	4·48	1·50	0·43	29·25
	Hosur . .	0·10	...	0·55	5·30	6·85	0·40	2·93	3·48	1·90	4·52	6·45	0·08	32·56
	Tranquebar .	1·75	0	...	0·25	...	6·25	2·10	1·63	8·96	9·60	13·98	0·35	45·37
	Negapatam .	3·72	0·14	...	0·09	0·12	2·39	1·86	3·69	5·24	12·16	15·56	0·77	45·74
	Tanjore . .	0·80	...	...	2·80	...	3·00	3·40	3·65	7·70	7·85	6·35	0·20	35·75
	Putukota . .	0·55	0·57	...	2·15	1·30	1·97	1·25	7·90	3·70	20·00	6·42	0·95	46·76
	Trichinopoly .	0·80	...	0·15	0·52	0·95	4·66	2·11	3·84	2·68	14·48	5·13	0·32	35·64
	Karur . .	0·45	...	...	2·09	2·62	0·98	0·07	4·71	3·22	11·51	8·22	...	33·87
	Coimbatore .	0·19	...	0·91	3·20	2·50	0·42	0·27	1·96	0·58	8·02	0·76	0·02	18·83
	Kollegal . .	...	...	0·09	6·49	5·98	1·30	1·05	2·90	2·15	8·10	6·85	...	34·91
	Dindigul . .	0·64	0·20	0·27	2·44	2·17	4·18	2·69	2·30	1·20	12·57	3·80	0·37	32·83
	Madura (Obsy.) .	0·62	0·25	0·66	2·56	3·04	4·51	2·86	5·98	3·93	10·92	4·33	0·10	39·76
	Madura (Cutchery)	0·55	0·30	0·55	2·10	2·55	4·60	2·80	7·30	3·90	11·40	3·00	...	39·05
	Pasumali . .	0·44	0·20	1·06	8·55	11·96	2·53	1·08	?	?	4·42	5·84	2·25	?
	Vattanum . .	3·50	0·64	1·63	5·02	...	1·03	2·65	0·91	1·77	4·04	6·29	1·60	29·08
	Periyakulam .	0·45	1·25	2·35	3·90	1·65	1·50	0·40	1·56	0·70	11·00	3·87	0·30	28·93
	Tinnevelly . .	...	1·00	1·22	2·47	...	0·30	...	0·10	...	4·65	3·40	2·30	15·44
	Tuticorin . .	...	1·97	1·00	1·90	...	...	0·77	...	...	5·73	2·94	2·57	16·88
	Satur . . .	...	1·10	0·05	2·95	0·70	0·15	0·10	3·90	3·25	7·20	0·55	0·95	20·90

TABLE XII.—INCHES OF RAINFALL EACH MONTH OF 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*contd.*	Cochin	0·36	0·10	1·11	4·89	7·84	20·43	19·00	7·22	7·83	7·50	5·40	1·12	82·80
	Palghat	0·02	0·10	6·50	6·30	3·30	11·30	15·30	6·30	3·20	8·40	0·50	0·30	61·52
	Wellington	0·65	5·26	2·81	3·37	3·02	5·32	2·66	3·03	3·14	10·89	5·89	3·70	49·74
	Manantoddy	...	...	4·90	3·30	1·86	15·72	29·30	13·10	3·62	4·12	1·03	0·75	77·70
	Calicut	...	0·75	1·35	4·97	6·60	32·19	26·37	9·98	3·19	2·77	3·35	1·30	92·82
	Tellicherry	...	...	0·42	3·38	7·74	42·48	44·63	19·09	4·04	3·33	3·10	1·20	129·41
	Cannanore	...	0·90	0·30	5·80	7·15	40·95	32·40	16·08	3·81	2·58	0·80	0·20	110·97
	Mangalore	...	...	0·23	1·61	6·12	33·14	40·49	9·34	4·74	5·37	1·12	...	102·16
MYSORE AND COORG.	Bangalore	0·03	...	0·80	3·95	3·79	3·05	4·01	8·17	3·87	6·69	9·62	0·10	44·08
	Mysore	...	0·45	0·48	3·93	9·10	0·50	2·35	2·86	3·20	5·72	1·60	0·80	30·99
	Shimoga	...	...	0·60	2·76	4·55	3·95	9·94	3·94	1·28	6·20	5·37	1·25	39·84
	Mercara	...	...	1·86	6·25	2·82	22·06	41·18	20·39	6·97	9·07	2·56	1·49	114·65
	Kolar	...	...	0·82	4·58	3·48	0·43	7·63	2·80	4·63	6·79	2·40	0·23	33·79
	Tumkur	0·07	...	0·49	3·36	3·92	2·62	5·66	4·59	6·80	2·78	4·26	0·60	35·15
	Chitaldroog	...	...	0·37	2·38	2·39	0·86	2·36	2·33	1·62	1·62	4·75	1·32	20·00
	Chikmagalur	...	...	0·72	3·09	4·85	4·03	4·33	2·78	0·93	5·75	2·92	0·22	29·62
	Hassan	...	...	1·05	3·50	3·72	2·80	3·15	1·88	3·13	11·42	2·60	0·40	33·65
CEYLON	Jaffna	4·99	0·05	0·35	2·28	...	0·56	0·20	2·59	2·02	9·88	6·92	1·76	31·60
	Mannar	4·83	0·69	2·03	4·02	...	0·01	0·01	0·44	2·84	4·62	4·98	1·15	25·62
	Trincomalee	2·48	1·99	0·34	1·12	3·38	0·94	0·35	4·13	4·98	6·00	14·66	8·16	48·53
	Batticaloa	4·17	2·54	2·86	0·66	0·58	1·50	0·31	4·75	0·47	6·09	8·43	10·17	42·53
	Hambantota	3·61	1·43	0·76	3·45	4·53	0·36	0·90	0·03	0·19	1·75	3·63	5·19	25·83
	Galle	3·08	3·13	8·45	10·88	10·95	5·05	6·83	8·13	3·33	9·51	9·48	6·91	85·73
	Ratnapura	1·65	7·62	6·73	17·48	17·32	11·92	8·92	7·27	12·81	17·73	9·61	10·06	129·12
	Colombo	0·53	4·63	5·34	14·25	6·43	1·94	3·30	0·73	1·35	12·97	12·65	8·49	72·61
	Kandy	4·72	2·56	2·91	6·85	?	7·35	5·25	2·73	6·98	5·74	9·14	6·55	?
	Newera Eliya	2·35	2·48	1·18	13·51	3·57	6·14	5·71	6·43	9·64	6·35	6·38	5·03	68·77
	Puttalam	1·18	3·91	5·06	8·36	...	0·84	0·06	...	...	3·72	12·27	6·09	41·49
	Anuradhapur	2·82	2·21	1·21	18·02	0·38	1·28	0·11	0·79	0·13	3·19	6·27	4·36	40·77
BURMA	Akyab	...	...	1·46	1·40	11·11	44·03	58·00	26·24	17·55	8·22	4·59	...	172·60
	Kyaukpyu	...	...	0·07	2·06	10·41	29·79	61·35	31·48	12·32	6·33	2·49	...	156·30
	Sandoway	0·25	...	...	0·96	8·99	38·17	72·50	36·03	14·55	6·44	1·60	...	179·49
	Rangoon	0·49	...	0·87	1·04	14·50	10·42	22·30	19·42	9·07	11·11	0·72	...	89·94
	Bassein	2·60	...	...	1·27	8·07	15·34	29·38	20·88	15·78	10·96	0·34	...	104·62
	Diamond Island	0·99	0·01	...	2·86	10·17	17·53	25·78	15·24	13·36	6·58	1·20	...	93·72
	Henzada	0·78	...	...	0·77	9·35	17·07	27·80	18·00	8·98	6·56	0·13	...	89·44
	Myanaung	0·05	...	...	1·74	6·24	7·73	8·14	12·11	3·67	5·82	0·87	...	46·37
	Prome	0·28	...	0·31	0·92	5·12	11·15	10·07	7·89	4·83	7·23	2·10	...	49·90
	Thayetmyo	0·12	...	0·07	2·41	2·40	4·69	4·93	5·60	4·61	4·90	2·18	...	31·91

TABLE XII.—INCHES OF RAINFALL IN EACH MONTH OF 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BURMA—*contd.*	Mandalay . .	0·02	...	0·20	0·88	2·43	0·10	0·18	3·81	4·61	2·28	2·26	...	16·77
	Saweyba . .	...	...	0·12	0·32	4·64	1·63	0·05	6·18	3·93	4·90	0·32	...	22·09
	Yeu . . .	...	...	1·02	0·79	5·38	1·47	0·55	3·76	10·97	6·13	1·61	...	31·68
	Minbu . .	...	...	...	0·13	9·79	4·21	3·17	7·78	3·49	2·35	0·69	...	31·61
	Pyinmana . .	0·36	...	...	4·47	7·80	4·78	11·17	7·93	9·02	6·31	1·03	...	52·87
	Pagan . .	...	...	0·82	0·41	5·76	...	0·27	0·80	3·31	3·63	0·77	...	15·77
	Kyanksai . .	0·27	...	0·38	0·81	2·15	1·39	0·52	2·84	4·89	5·01	1·77	...	20·03
	Bhamo . .	0·15	...	1·75	3·10	5·23	16·23	14·80	12·84	12·82	2·16	0·06	...	69·14
	Kendat . .	...	...	7·62	1·15	6·74	15·49	9·17	3·32	7·93	7·57	0·35	...	59·34
	Magwe . .	0·02	...	...	0·53	11·70	2·97	1·99	4·51	3·69	4·30	1·03	...	30·74
	Ye Methin . .	...	...	0·05	3·10	8·01	1·16	6·11	2·98	8·62	3·23	0·43	...	33·69
	Fort Sagaing .	0·10	...	0·24	0·68	6·81	0·25	0·44	3·65	4·58	3·37	1·16	...	21·28
	Mingin . .	...	...	1·20	...	2·76	3·93	2·59	6·95	12·31	8·52	1·31	...	39·57
	Toungoo . .	1·32	...	...	3·09	9·14	16·99	21·56	16·88	15·20	7·43	0·10	...	91·71
	Shwegyin . .	2·76	...	...	6·20	11·29	23·36	41·88	25·68	19·14	5·44	...	...	135·75
	Moulmein . .	7·83	0·08	...	4·23	26·24	36·90	34·14	21·08	20·53	4·90	0·92	...	156·85
	Tavoy . .	0·33	1·15	0·70	2·40	29·42	45·04	35·02	32·50	36·01	8·06	0·25	...	190·88
	Mergui . .	2·98	2·37	4·55	7·20	35·27	25·14	32·15	27·33	32·69	12·86	0·79	0·33	183·66
	Myingyan . .	...	...	0·46	0·36	4·86	0·48	2·46	1·95	5·10	3·29	1·16	...	20·12
	Monywa . .	...	...	0·31	0·94	4·65	0·30	...	1·32	4·44	4·92	0·86	...	17·74
	Salim Myo . .	...	...	0·23	0·06	8·14	1·13	1·59	2·10	5·71	4·37	0·87	...	24·20
BAY ISLANDS .	Cocos Island .	3·41	0·12	...	0·69	16·71	17·60	15·13	4·27	16·00	8·95	4·77	0·70	88·35
	Port Blair . .	4·46	2·96	0·08	5·38	17·77	21·11	10·02	6·69	20·10	13·47	8·54	0·27	110·85

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

(547 STATIONS).

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ASIATIC TURKEY	Baghdad	4	6	6	5	...	...	...	2	...	...	1	9	33
ARABIA	Aden	2	1	6	...	3	...	...	...	...	...	...	1	13
PERSIA	Bushire	7	8	3	5	...	...	...	...	...	...	5	8	36
BELUCHISTAN	Peshin	3	4	5	6	...	...	...	...	...	...	9	12	39
	Kelat	1	2	4	8	...	...	...	1	...	...	6	7	29
	Quetta	5	5	8	8	2	...	...	1	...	...	10	12	51
	Beleli	?	?	6	5	1	...	...	...	...	...	9	8	?
	Kuchlack	?	?	6	6	...	...	...	...	...	...	9	9	?
	Bostan	?	?	4	5	1	...	...	1	...	...	8	8	?
	Yerukerez	?	?	4	1	...	...	...	...	...	...	3	9	?
	Shirinoo	?	?	3	6	...	...	...	1	...	...	9	13	?
	Sayad Hamid	?	?	1	5	...	...	...	...	...	?	6	?	?
	Gulistan	?	?	3	5	1	...	...	...	...	...	6	7	?
	Killa Abdulla	?	?	5	7	...	1	...	...	...	...	9	12	?
	Khanai	?	?	5	5	...	...	...	1	...	...	10	5	?
	Fuller's Camp	?	?	10	8	1	...	...	1	...	...	10	13	?
	Kach	?	?	9	6	1	...	...	1	...	...	10	10	?
	Kachkotal	?	?	9	7	1	...	1	1	...	...	10	9	?
	Mudgorge	?	?	11	5	1	1	3	2	...	...	10	?	?
	Mangi	?	?	7	4	...	1	1	1	...	...	10	7	?
	Dergi	?	?	2	5	...	1	2	1	...	...	8	6	?
	Khost	?	?	4	2	1	1	3	2	...	...	8	7	?
	Sharigh	?	?	?	...	...	1	4	6	2	...	9	6	?
	Nasak	?	?	3	3	...	1	3	6	...	...	7	8	?
	Hurnai	?	?	...	...	...	...	5	5	...	...	7	8	?
	Sunari	?	?	2	...	1	2	3	5	...	...	6	6	?
	Spintangi	?	?	...	1	1	...	3	2	...	...	6	5	?
	Dalujal	?	?	1	1	1	...	3	2	1	...	5	6	?
	Kuchali	?	?	1	...	1	...	3	3	...	...	4	7	?
	Babar Kach	?	?	1	...	1	...	2	2	...	...	3	8	?
	Tundari	?	?	...	...	...	...	1	2	...	...	3	7	?
	Nari	?	?	...	...	1	...	3	3	...	...	3	5	?
	Sibi	?	?	...	...	...	...	4	1	...	...	3	6	?
	New Kolpur	?	?	...	...	...	...	3	2	...	...	...	7	?
	Hirakh	?	?	...	...	...	...	2	3	...	...	9	8	?
	Dazan	?	?	...	...	...	...	2	2	...	?	?	?	?
	New-Bank	?	?	...	...	...	...	...	1	...	...	3	3	?

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BELUCHISTAN	Lalaj	?	?	...	...	...	...	...	2	...	...	Closed.		?
	Much	?	?	...	...	...	...	2	2	...	Closed.		...	?
	Rindli	?	?	...	...	...	...	1	...	...	...	3	?	?
	Kundlani	?	?	...	...	...	...	...	...	...	Closed		...	?
	Kirta	?	?	...	...	...	...	2	...	...	...	Closed.		?
	Mittri	?	?	...	...	...	...	1	4	...	...	4	7	?
	Lindsay	?	?	...	...	...	...	2	2	...	...	4	7	?
	Bellput	?	?	...	...	...	...	...	4	...	...	3	6	?
	Nuttal	?	?	...	...	...	...	...	2	...	...	4	6	?
	Temple Dera	?	?	...	...	...	...	...	2	...	...	3	4	?
	Jhatput	?	?	...	...	...	...	...	3	...	...	3	5	?
KASHMIR	Leh	1	2	...	1	2	2	5	9	...	...	2	7	31
PUNJAB	Abbottabad	7	6	11	12	4	4	23	21	4	4	7	17	120
	Murree (Obsy.)	4	5	8	9	10	10	24	26	7	8	7	16	134
	Murree (Cutchery)	1 + ?	?	3	7	2	5	17	17	6	7	4	7	4
	Murree (Brewery)	5	5	8	8	3	6	24	21	5	6	6	12	109
	Chamba	6	5	12	11	9	11	26	20	8	5	3	12	128
	Dharmsala	3	3	5	5	5	13	27	25	5	2	1	7	101
	Kailang	5	6	9	8	9	4	8	9	7	...	5	10	80
	Kilba	5	7	13	9	8	5	19	18	9	5	5	9	112
	Simla (Obsy.)	6	3	7	7	8	11	28	24	9	4	1	7	115
	Simla (Cutchery)	6	1	6	8	7	9	25	21	7	2	2	5	99
	Peshawar (Obsy.)	5	3	8	13	4	...	4	6	1	3	6	7	60
	Peshawar (Cutchery)	5	3	6	10	5	1	5	6	...	2	7	7	57
	Kohat	3	2	7	9	4	2	2	10	...	2	5	6	52
	Bannu	2	1	6	9	...	2	3	4	...	...	5	4	36
	Dera Ismail Khan	3	1	1	5	3	3	5	1	1	...	6	6	35
	Dera Ghazi Khan	...	...	2	1	...	...	2	2	...	...	3	4	14
	Muzaffargarh	1	...	3	1	...	...	5	3	...	1	2	5	21
	Mooltan (Obsy.)	...	...	4	...	...	1	3	3	...	1	2	5	19
	Mooltan (Cutchery)	...	...	4	1	...	1	3	4	...	...	2	6	21
	Jhang	3	2	3	1	1	3	6	7	...	...	4	7	37
	Montogomery	2	...	2	...	...	2	4	7	...	...	2	6	25
	Shahpur	1	1	6	4	3	4	5	4	...	1	3	6	38
	Rawalpindi	5	3	6	7	4	3	15	14	2	4	5	8	76
	Jhelum	3	1	5	6	5	5	12	9	3	3	2	7	61
	Gujrat	1	1	6	4	4	6	11	17	3	1	4	6	64
	Sialkot (Obsy.)	4	1	5	5	3	9	15	18	5	5	4	9	83
	Sialkot (Cutchery)	2	1	4	4	3	5	10	16	3	2	1	7	58

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB—*contd.*	Gujranwala .	2	1	4	3	1	5	9	14	1	1	3	6	50
	Gurdaspur . .	4	1	4	3	2	6	13	12	1	2	1	6	55
	Lahore . .	3	1	5	3	...	4	10	10	1	2	2	9	50
	Amritsar . .	3	1	3	4	...	7	10	11	2	2	2	6	51
	Ferozepore . .	2	1	3	2	...	4	10	8	1	1	2	5	39
	Jullundur . .	2	1	3	1	...	7	9	7	1	1	...	5	37
	Hoshiarpur .	2	1	5	5	2	6	16	13	2	...	1	5	58
	Ludhiana . .	3	1	4	5	...	10	16	12	2	2	1	8	64
	Umballa . .	2	...	2	2	1	8	19	12	1	3	...	5	55
	Sirsa . . .	...	2	3	...	3	6	7	7	...	...	...	4	32
	Hissar . .	1	...	2	...	2	10	10	3	2	...	...	2	32
	Rohtak . .	1	...	2	1	2	5	14	7	1	1	...	2	36
	Delhi (Obsy.) .	1	...	4	2	3	3	16	10	5	1	...	1	46
	Delhi (Cutchery) .	1	...	3	2	3	3	17	10	4	...	...	1	44
	Gurgaon . .	1	...	5	...	1	4	15	7	2	...	...	1	36
	Karnal . .	1	...	2	...	3	8	24	11	2	2	...	2	35
RAJPUTANA .	Jeysulmere . .	...	...	...	...	...	2	4	5	...	...	1	2	14
	Phalodi . .	...	...	...	...	...	2	4	4	1	...	...	2	13
	Bickaneer . .	...	1	1	1	...	4	6	3	...	1	...	2	19
	Nagar . .	...	...	2	1	1	5	8	7	2	...	...	3	29
	Didwana . .	...	...	1	...	...	4	7	4	1	1	...	2	20
	Jhunjhnu . .	...	...	4	...	...	7	12	8	2	1	1	2	37
	Khetri . .	1	...	3	1	...	8	12	9	5	2	...	1	42
	Sikar . . .	...	...	...	...	...	7	9	7	2	1	...	2	28
	Sri Madhopur .	...	...	1	...	1	8	10	8	3	1	...	1	33
	Ulwur . .	...	...	4	2	2	9	16	12	6	3	...	2	56
	Bhurtpore . .	...	...	2	2	...	6	15	11	4	...	...	1	41
	Bandikui . .	...	...	2	...	...	6	9	12	3	1	...	2	35
	Jeypore . .	...	...	3	2	1	8	12	15	6	1	...	3	51
	Sambhar . .	...	...	3	...	...	7	10	11	4	2	1	2	40
	Kerowlee . .	...	...	3	1	1	9	16	12	3	...	...	2	47
	Lalsot . .	...	...	1	...	...	6	10	12	2	...	...	...	31
	Tonk . . .	...	...	1	1	1	11	11	11	6	1	...	3	46
	Siwai Madhopur .	...	...	1	1	...	10	14	13	2	...	...	2	43
	Deoli . . .	...	...	2	1	1	9	15	20	5	2	...	2	57
	Kotah . .	...	...	...	...	...	7	12	13	3	2	...	1	38
	Jhalrapatan . .	...	...	2	1	...	10	14	11	4	...	...	2	44
	Ajmere . .	...	...	1	...	1	5	10	9	5	2	2	2	37
	Nusseerabad .	...	...	2	1	1	4	9	10	6	1	...	1	35

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA —*contd.*	Malpura . .	...	...	1	...	...	9	6	10	3	...	...	1	30
	Beawar . .	...	...	1	...	1	2	5	6	2	1	1	1	20
	Jodhpore . .	...	...	2	...	1	4	6	8	2	...	...	2	25
	Jodhpore (Residency).	...	...	2	...	1	4	5	6	2	...	...	2	22
	Pachpadra . .	...	...	...	1	...	3	7	4	2	...	...	1	18
	Jasol . . .	...	...	...	1	...	1	4	6	1	...	...	1	14
	Barmer . .	...	...	...	...	...	2	3	8	1	...	...	1	15
	Pali . . .	...	...	...	...	...	1	5	5	1	...	...	1	13
	Shahpura . .	...	...	1	...	3	7	7	14	4	2	...	2	40
	Erinpura . .	...	...	...	1	...	4	9	10	2	...	...	1	27
	Sirohee . .	...	...	...	...	...	5	8	6	3	...	...	...	22
	Mount Abu .	...	...	1	2	...	15	31	28	6	...	...	1	84
	Kotra . .	...	...	...	3	...	8	23	23	3	...	...	1	61
	Oodeypore . .	...	...	1	3	3	6	14	12	5	1	...	...	45
	Partabgarh . .	...	...	...	1	...	11	20	17	5	...	...	...	44
	Kherwara . .	...	...	1	...	...	13	22	19	4	2	...	1	62
	Banswara . .	...	...	2	1	...	11	18	10	4	1	...	...	47
	Dholpur . .	?	?	?	?	?	?	?	?	4	...	...	...	?
CENTRAL INDIA	Neemuch (Obsy.).	...	...	...	1	1	14	18	11	7	2	...	...	54
	Neemuch (Cutchery.)	...	...	...	...	...	10	11	7	6	1	...	...	35
	Sirdarpore . .	...	...	...	1	...	17	25	23	11	3	...	1	81
	Agar . . .	...	...	1	1	...	8	15	8	7	...	...	...	40
	Rutlam . .	...	...	1	...	1	10	11	9	2	...	...	...	34
	Indore . .	...	...	...	2	...	10	22	18	10	2	1	...	65
	Bhopal (Sehore) .	...	...	...	2	...	14	20	18	12	...	...	1	67
	Goona . .	...	...	2	2	...	7	14	13	4	...	...	2	44
	Morar . .	...	...	...	1	...	7	13	12	6	...	...	2	41
	Nowgong . .	...	...	3	1	...	12	21	23	9	1	...	2	72
	Sutna . .	...	1	3	2	2	11	24	18	13	...	1	2	77
	Nagode . .	...	1	2	1	2	11	22	20	15	2	...	1	77
	Maihar . .	...	1	...	3	3	13	24	21	15	2	1	1	84
	Rewah . .	...	1	3	1	3	14	21	23	15	2	...	3	86
	Chandia . .	...	...	2	1	...	12	19	25	16	1	...	1	77
	Ramnagar . .	...	...	2	...	...	10	14	15	8	...	...	2	51
	Sihawal (Bardi) .	...	...	2	...	1	16	23	18	12	...	...	2	74
	Teonthar . .	...	...	1	1	2	8	15	11	12	1	...	...	51
	Sohagpur . .	...	1	4	1	1	11	27	19	14	1	1	2	82
N.-W. PROVINCES.	Chakrata . .	5	4	5	7	9	12	26	23	7	2	...	6	106
	Mussooree . .	3	2	5	4	7	10	29	24	7	1	...	5	97

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N. W. PROVINCES.	Srinagar	2	3	5	4	3	8	13	16	2	2	...	3	61
	Pauri	4	2	5	6	7	15	25	20	7	...	...	3	94
	Ranikhet	4	5	5	6	8	18	29	25	11	2	1	4	118
	Almora	3	4	4	5	7	14	25	17	6	2	...	4	91
	Pithoragarh	...	5	7	7	13	22	27	21	10	3	...	3	118
	Naini Tal	4	2	4	5	5	19	31	21	9	1	...	1	102
	Dehra Dun	4	2	4	4	6	13	28	22	11	3	...	5	102
	Saharanpur	1	...	1	2	3	7	17	10	3	...	...	5	49
	Roorkee	2	2	4	4	2	12	24	15	6	3	...	4	78
	Muzaffarnagar	1	1	3	...	1	8	21	12	4	1	...	2	54
	Bijnor	1	1	4	1	1	6	21	14	5	...	...	4	58
	Meerut	1	...	5	2	4	6	21	12	8	...	...	4	63
	Moradabad	1	...	4	...	2	8	23	10	7	1	...	2	58
	Rudarpur	2	...	...	1	1	12	21	11	6	...	...	1	55
	Pilibhit	2	...	3	...	1	12	18	10	5	...	...	2	53
	Bulandshahr	1	...	2	2	1	5	15	10	4	...	...	1	41
	Bareilly	1	...	5	1	3	13	24	11	9	1	...	3	71
	Budaun	...	...	1	1	...	9	19	7	8	1	...	1	47
	Shahjahanpur	2	1	1	...	1	11	7	7	6	...	...	...	36
	Aligarh	...	...	1	2	3	8	20	8	3	...	...	1	46
	Muttra	...	...	2	...	2	7	15	9	4	...	...	1	40
	Agra	...	...	3	1	...	11	21	13	5	...	...	1	55
	Etah	...	...	1	...	...	7	12	10	3	...	...	1	34
	Mainpuri	...	...	...	1	2	8	17	10	5	1	...	1	45
	Farrukhabad	...	...	...	...	1	7	15	7	5	...	...	1	36
	Etawah	...	...	...	1	1	10	24	8	5	...	...	1	50
	Cawnpore	...	...	2	1	3	10	23	14	8	2	...	...	63
	Fatehpur	...	1	1	...	...	9	18	8	7	1	...	...	45
	Jalaun (Orai)	...	...	...	1	...	5	13	9	3	...	...	3	34
	Hamirpur	...	...	3	1	4	9	23	15	7	...	...	1	63
	Banda	...	...	2	1	1	10	20	15	10	1	...	1	61
	Allahabad	...	...	3	...	4	14	26	17	12	1	...	...	77
	Basti	...	...	2	...	4	13	25	20	11	2	...	1	78
	Gorakhpur	2	...	3	...	3	15	25	22	11	3	...	2	86
	Azamgarh	...	1	1	...	1	14	23	20	13	3	...	...	76
	Jaunpur	...	...	2	...	1	12	19	21	10	1	...	...	66
	Benares	...	...	2	...	1	7	23	15	12	1	...	...	61
	Mirzapur	...	...	1	1	1	14	19	19	11	2	...	...	68
	Ghazipur	...	1	2	...	2	13	19	20	8	3	...	...	68

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*contd.*	Ballia	...	1	2	...	2	14	23	18	11	4	...	...	75
	Dudhi	...	...	2	...	2	10	17	17	8	...	...	...	56
	Robertsganj	...	...	2	...	...	9	23	20	9	2	...	1	66
	Jhạnsi	...	...	4	3	1	12	17	15	8	...	...	2	62
	Lalitpur	...	...	2	2	...	7	16	16	11	1	...	3	58
OUDH	Kheri	1	...	1	1	2	12	18	10	8	1	...	...	54
	Sitapur	1	...	1	...	...	11	16	9	8	...	...	3	49
	Bahraich	1	1	1	...	4	15	22	15	10	1	...	2	72
	Gonda	...	...	...	...	1	18	23	17	12	3	...	1	75
	Hardoi	...	...	...	...	...	13	21	5	7	...	...	1	47
	Nawabganj (Bara Banki.	...	...	1	...	1	12	20	16	10	3	...	2	65
	Lucknow	...	...	3	2	1	11	21	16	12	3	...	2	71
	Unao	...	...	1	...	1	8	20	7	4	...	...	...	41
	Fyzabad	...	...	2	...	2	10	21	15	10	1	...	1	62
	Sultanpur	...	...	2	...	1	11	22	17	11	...	...	...	64
	Rae Bareli	...	...	2	...	1	12	18	17	9	1	...	...	60
	Partabgarh	...	...	...	...	1	9	20	12	11	1	...	...	54
NEPAL	Katmandu	2	1	5	7	12	17	26	29	16	6	1	...	122
BENGAL	Motiharee	1	...	1	...	4	14	19	13	8	4	...	...	64
	Durbhunga	1	...	1	1	6	18	22	20	9	5	...	...	83
	Sewan	...	1	1	...	3	13	23	20	11	2	...	...	74
	Buxar	...	...	2	...	3	15	25	22	8	3	...	...	78
	Chupra	...	...	1	1	3	14	23	17	9	2	...	...	70
	Arrah	...	1	2	1	6	13	22	25	12	5	...	...	87
	Patna (Bankipur)	...	1	2	1	6	13	24	19	11	3	...	...	80
	Mozufferpore	1	...	1	1	5	12	22	20	10	4	...	...	76
	Barh	...	...	1	...	3	9	13	17	7	4	...	...	59
	Sasseram	...	1	2	1	2	13	19	24	11	2	...	1	76
	Gya	...	...	3	...	2	11	23	24	7	4	...	1	75
	Jamooee	...	...	1	...	4	12	23	20	10	4	...	...	74
	Muddehpoora	...	...	1	1	4	13	13	13	3	4	...	...	52
	Monghyr	...	1	...	1	4	13	21	18	10	6	...	...	74
	Bhagalpur	...	1	...	1	7	18	23	22	9	5	...	...	86
	Godda	...	...	3	1	9	14	21	18	9	8	...	...	83
	Palamow	...	...	4	2	4	12	20	25	13	3	...	...	83
	Hazaribagh	...	...	2	...	4	18	29	24	12	6	1	1	97
	Ranchee	...	...	6	...	9	14	23	17	15	6	...	...	90
	Lohardugga	...	...	5	...	2	13	24	20	11	3	...	...	78
	Nya Doomka	1	...	5	3	6	18	27	22	14	9	1	1	107

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*contd.*	Gobindpur	...	...	4	1	5	15	26	18	13	6	1	1	90
	Purulia	1	...	7	2	5	16	24	21	16	7	...	...	99
	Sirguja	...	...	...	...	2	7	21	24	10	...		1	65
	Jushpore	...	...	6	...	5	11	25	26	14	1	2	...	90
	Gangpur	...	...	3	...	2	10	17	19	10	2	...	...	63
	Chybassa	...	...	6	1	8	15	19	20	17	5	...	3	94
	Barreepudda	...	...	5	4	8	20	21	19	16	10	1	1	105
	Keonjhar	...	...	2	...	4	10	11	11	11	7	...	...	56
	Jellasore	...	1	6	...	7	13	10	15	15	7	1	2	77
	Balasore	...	1	7	2	9	15	16	17	18	10	2	1	98
	Bhuddruck	...	1	6	2	15	17	10	11	17	8	1	1	89
	Talcher	...	...	2	2	2	12	23	20	16	6	1	1	85
	Narsingpur	...	...	4	...	6	10	17	15	9	5	2	...	68
	Angul	...	...	6	1	6	14	18	17	15	5	2	1	85
	Dhenkanal	...	1	6	3	4	15	22	22	17	8	2	3	103
	Bispara	...	...	4	3	2	8	15	15	15	9	2	...	73
	Kunjabangar	...	...	4	...	15	23	22	18	13	7	...	...	102
	Banki (Charchika)	...	2	6	2	8	16	19	14	16	9	3	2	97
	Cuttack	...	...	5	...	5	16	20	19	17	5	3	...	90
	Baramba	...	...	6	4	6	12	19	10	16	5	2	1	81
	False Point	2	...	4	...	8	18	20	20	20	11	4	...	107
	Pooree	1	...	4	...	5	13	19	18	20	11	6	2	99
	Darjeeling	3	1	3	12	23	29	30	30	24	8	1	...	164
	Pedong	?	?	?	?	?	?	?	16 ?	21	11	...	2	?
	Baxa	9	1	...	18	19	30	30	29	23	15	3	7	184
	Jalpaiguri	2	...	...	10	16	28	30	23	19	8	...	...	136
	Cooch Behar	2	...	1	11	18	23	24	24	17	8	...	...	128
	Kissengunge	1	...	...	3	11	22	24	22	10	6	...	...	99
	Purneah	1	...	1	2	9	20	27	25	11	6	...	...	102
	Rungpore	4	...	2	6	19	25	28	19	19	6	...	...	128
	Dinagepore	1	...	...	5	14	17	22	20	15	6	...	...	100
	Maldah	...	1	4	3	7	19	22	25	13	8	1	...	103
	Bogra	2	...	3	5	11	17	24	30	16	7	2	...	117
	Rampore Bauleah	1	...	...	5	8	16	27	26	14	10	1	...	108
	Pubna	1	...	6	5	10	17	24	24	14	10	...	...	111
	Soory	...	...	4	2	8	17	24	18	16	9	2	1	101
	Bankoora	1	...	4	4	7	19	21	15	15	5	...	...	91
	Burdwan	2	...	3	4	9	21	23	19	16	8	1	...	106
	Hooghly	1	...	4	1	8	13	20	14	16	9	...	1	87

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL.—*concld.*	Howrah	1	...	4	3	12	17	22	20	16	10	...	1	106
	Midnapore	...	...	4	2	9	18	15	15	16	6	...	...	85
	Tumlook	1	...	2	1	9	17	17	12	17	7	...	1	84
	Berhampore	1	...	2	1	5	15	26	19	15	9	1	...	94
	Kishnaghur	...	...	1	4	9	18	24	20	15	9	1	1	102
	Furreedpore	2	...	3	8	13	15	27	19	14	9	...	...	110
	Jessore	1	...	2	8	10	23	25	24	13	13	...	1	120
	Busseerhat	1	...	1	6	7	18	15	15	11	8	...	1	83
	Khoolna	2	...	2	5	10	15	26	17	10	11	...	...	98
	Burrisal	2	...	2	5	8	18	27	21	13	13	...	...	109
	Calcutta (Chowringhee).	1	...	4	3	11	21	19	22	19	9	...	1	110
	Alipore (Jail)	1	...	2	1	9	20	21	18	17	10	1	...	100
	Alipore (Observatory).	1	...	6	3	15	21	24	23	18	11	1	1	124
	Saugor Island	...	1	5	1	10	16	17	19	14	12	3	1	99
	Mymensingh	2	...	3	8	15	25	28	27	18	11	1	...	138
	Kishorganj	1	...	5	6	14	18	20	19	14	7	...	...	104
	Atia (Tangail)	2	...	2	8	10	13	16	12	6	12	1	...	82
	Dacca	2	...	8	7	13	21	28	24	8	12	...	...	123
	Commillah	2	...	4	14	16	21	29	26	13	13	...	...	138
	Agartalla	2	...	3	5	13	17	24	21	13	2?	?	?	?
	Noakholly	4	...	5	8	12	20	30	30	17	10	...	...	136
	Demagiri	4	...	9	10	16	27	30	29	21	7	1	1	155
	Rangamatia Hill	1	1	7	9	11	21	25	27	17	10	1	1	131
	Chittagong	1	...	6	10	9	15	24	23	17	10	3	1	119
	Cox's Bazar	...	...	4	7	10	22	29	26	17	9	3	1	128
ASSAM	Sylhet	4	1	12	19	20	30	28	28	18	10	...	1	171
	Silchar	5	1	21	19	14	28	27	28	16	9	...	1	169
	Cherra Poonjee	5	2	14	22	21	30	30	29	21	14	...	...	188
	Tura	5	...	3	9	17	26	27	22	18	10	...	...	137
	Shillong	3	...	3	16	26	30	27	26	23	19	4	...	177
	Dhubri	4	...	3	12	20	26	29	24	18	9	...	...	145
	Goalpara	3	...	1	10	13	25	23	21	13	6	...	...	115
	Kulsi	4	...	3	14	13	25	28	20	12	6	...	...	125
	Gauhati	7	2	3	14	12	24	23	18	11	12	3	2	131
	Nowgong	9	2	4	15	12	26	27	20	10	10	3	3	141
	Tezpur	7	1	6	13	14	24	27	24	12	11	3	4	146
	Chardner	7	...	2	11	11	29	27	24	12	11	3	7	144
	Sibsagar	10	6	19	16	16	26	24	23	15	12	2	7	176
	Dibrugarh	10	9	14	18	14	27	30	24	14	13	1	4	178

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ASSAM—*contd.*	Kohima	7	...	9	13	18	27	28	25	19	18	...	...	164
CENTRAL PROVINCES.	Saugor	...	1	6	3	...	14	23	19	13	1	2	2	84
	Damoh	...	...	2	2	...	13	20	19	11	...	...	1	68
	Jubbulpore	...	1	5	2	1	17	26	24	16	2	2	...	96
	Narsingpur	...	1	5	2	1	10	25	23	15	1	...	...	83
	Hoshangabad	...	1	4	4	1	17	28	17	12	1	...	2	87
	Khandwa	...	...	2	3	1	12	20	14	16	1	2	2	73
	Badnur (Betul)	...	...	3	3	...	21	30	22	15	2	2	3	101
	Pachmarhi	...	1	2	3	...	19	31	22	16	2	2	2	100
	Chhindwara	...	...	...	4	...	20	22	13	19	1	1	1	81
	Seoni	...	...	5	4	2	16	25	25	18	4	2	5	106
	Balaghat	...	...	2	2	...	19	25	22	14	2	2	3	91
	Mandla	...	1	5	2	...	14	22	21	15	2	1	...	83
	Bilaspur	...	...	5	2	...	10	23	14	13	2	1	...	70
	Chappa	...	...	...	...	...	2	7	3	...	...	...	...	12
	Sarangarh	...	...	...	...	...	10	19	15	11	2	2	...	59
	Raigarh	...	...	...	...	1	12	25	22	8	...	1	...	69
	Sambulpur	...	...	8	1	3	15	27	19	17	5	3	...	98
	Raipur	...	...	4	3	2	17	23	24	19	1	2	3	98
	Dhamtari	...	...	2	1	...	14	26	19	17	1	2	2	84
	Bhandara	...	...	...	2	...	21	26	19	18	3	2	4	95
	Nagpur	...	...	4	3	1	15	25	21	21	3	3	5	101
	Arvi	...	...	3	2	...	8	23	12	12	2	1	1	64
	Wardha	...	...	...	2	...	11	16	10	13	1	2	3	58
	Brahmapuri	...	...	2	2	1	17	19	21	18	1	4	2	87
	Chanda	...	...	2	2	...	17	27	17	21	1	4	7	98
	Sironcha	...	...	...	3	2	17	26	22	19	3	5	2	99
	Bastar (Jagdalpore)	...	...	1	7	1	14	21	21	16	3	...	2	86
BERARS	Makhla	...	...	2	4	...	20	28	24	17	3	3	2	103
	Chikalda	...	...	2	4	...	21	29	23	18	2	3	4	106
	Ellichpur	...	...	1	1	1	16	23	5	18	1	2	2	70
	Amraoti	...	...	2	4	...	18	23	11	13	3	2	3	79
	Akola	...	...	3	3	1	15	21	4	12	1	2	4	66
	Buldana	...	...	1	4	...	14	18	18	16	2	3	3	79
	Basim	...	...	3	4	...	20	26	16	16	3	4	4	96
	Yeotmal	...	...	...	3	...	18	24	12	17	2	3	5	84
	Wun	...	...	...	1	...	10	20	8	14	1	1	5	61
HYDERABAD	Aurangabad (Cantonment).	...	...	...	...	1	12	20	9	10	3	3	4	62
	Aurangabad (Aurangabad).	...	...	...	...	2	10	17	6	9	1	3	4	52

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
HYDERABAD —*contd.*	Jalna . . .	...	...	...	1	...	14	16	15	8	2	3	2	61
	Hingoli . .	...	...	...	3	1	17	26	19	17	4	4	5	96
	Hingoli (Parbhani)	...	...	...	3	...	11	18	15	14	4	4	...	69
	Nandair (Nandair)	...	...	1	3	...	19	26	17	17	5	4	4	96
	Bheer (Bheer) .	...	...	1	...	...	9	8	12	14	4	4	6	58
	Mominabad .	...	...	2	4	2	11	12	14	16	3	4	5	73
	Indur (Indur) .	...	...	2	...	1	16	28	18	15	1	3	4	88
	Kurremnugger (Yelgandal).	...	...	...	3	...	12	24	16	14	1	5	2	77
	Kundy (Medak) .	...	...	...	5	2	15	18	17	18	3	5	1	84
	Shumshabad (Ibrahimpatan).	...	...	2	5	4	12	16	17	17	5	7	1	86
	Sundanully (Ibrahimpatan).	...	...	2	2	3	13	18	17	14	3	4	2	78
	Daraseo (Naldurg)	...	...	...	5	2	14	15	9	13	4	...	3	65
	Bidar (Bidar) .	...	...	2	6	1	12	17	21	15	3	7	4	88
	Gulbarga (Gulbarga).	...	...	2	3	1	15	15	16	16	6	6	1	81
	Bolarum . .	...	...	...	6	3	19	21	18	18	4	7	3	99
	Secunderabad .	...	...	...	5	5	16	22	18	18	3	9	3	99
	Hyderabad (Residency).	...	...	...	2	1	17	22	17	16	4	5	2	86
	Hyderabad (Engineer's Office).	...	...	...	2	2	15	22	18	20	3	6	2	90
	Zanawada (Hyderabad).	...	...	...	6	4	16	17	17	15	4	6	...	85
	Bongheer (Nalgonda).	...	...	...	...	...	14	7	6	12	2	4	...	45
	Hanamconda (Warangal).	...	...	...	2	1	11	23	10	8	1	4	...	60
	Kummummett .	?	?	?	?	?	?	?	12	15	4	4	...	?
	Sirpur Tandoor (Sirpur Tandoor)	...	...	...	...	...	13	24	5	16	2	4	3	67
	Mahboobnugger (Palmoor).	...	...	1	5	7	15	18	14	19	6	3	2	90
	Raichur (East Raichur).	...	...	2	3	...	8	13	14	15	7	6	2	70
	Raichur (Cantt.) .	...	...	3	4	1	15	18	10	17	6	7	2	83
	Lingsugur (W. Raichore).	...	...	...	5	3	7	6	8	14	4	8	2	57
BOMBAY .	Dhulia . .	...	...	...	3	...	15	13	12	9	2	2	2	58
	Nasik . . .	...	...	...	1	...	21	30	26	12	8	3	3	104
	Igatpuri . .	...	...	...	...	2	29	31	31	20	8	1	2	124
	Malegaon . .	...	...	...	2	2	19	15	12	11	3	3	2	69
	Ahmednagar .	...	...	...	2	2	11	5	12	12	5	5	5	59
	Poona	...	...	...	6	2	16	27	20	10	8	5	5	99
	Lanauli . .	...	...	...	...	2	25	31	31	26	5	3	2	125
	Satara . .	...	...	1	8	...	22	31	24	9	8	4	3	110
	Mohableshwar .	...	...	...	5	1	30	31	30	27	5	6	3	138
	Sholapur . .	...	...	1	5	...	9	11	6	10	3	6	1	52
	Kolhapur . .	...	...	...	12	2	20	31	26	16	9	3	4	123
	Baura . . .	...	...	...	1	3	28	31	28	24	15	4	3	137

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
BOMBAY —*contd.*	Belgaum	...	...	...	10	2	26	31	23	11	16	8	2	129
	Gokak	...	...	...	12	...	18	22	15	15	14	4	3	103
	Dharwar	...	...	...	13	5	17	31	15	5	13	9	4	112
	Hubli	...	...	...	8	4	9	18	5	7	10	5	3	69
	Nargund	...	...	...	2	2	4	5	5	10	3	4	2	37
	Mandargi	...	...	...	3	2	6	6	5	6	11	8	1	48
	Kalghatgi	...	...	...	8	2	14	26	15	9	12	6	3	95
	Bijapur	...	...	1	8	2	11	13	11	16	7	6	2	77
	Honawar	...	...	...	3	9	30	30	25	21	9	6	2	135
	Karwar	...	...	...	4	3	28	29	23	15	6	9	...	117
	Goa	...	...	...	...	4	28	28	24	10	6	4	...	104
	Vingurla	...	...	1	2	5	27	31	26	19	11	6	...	128
	Ratnagiri	...	...	1	...	2	29	31	29	20	4	5	...	121
	Colaba (Obsy.)	...	...	...	1	2	28	31	29	17	4	4	1	117
	Byculla (J. J. Hospital)	...	...	...	...	2	21	30	24	12	...	1	...	90
	Tanna	...	...	...	...	1	29	31	29	16	3	3	...	112
	Matheran	...	...	...	...	...	26	31	31	30	9	3	...	130
	Surat	...	...	...	...	...	17	23	21	9	3	1	...	74
	Broach	...	...	...	...	...	17	17	17	6	...	...	...	57
	Kaira	...	...	...	...	...	11	27	20	3	...	...	1	62
	Bariya	...	...	...	...	...	9	23	23	6	1	...	...	62
	Godhra	...	...	1	...	...	14	26	23	6	1	...	...	71
	Dohad	...	...	...	...	...	12	23	20	5	...	...	1	61
	Ahmedabad	...	...	...	...	...	9	22	19	3	...	...	...	53
	Edar	...	...	...	2	...	10	21	18	2	...	...	...	53
	Deesa	...	...	1	1	...	6	22	20	1	...	...	1	52
	Wadhwan	...	...	1	1	...	10	12	11	3	1	...	...	39
	Palanpur	...	...	1	1	...	10	25	20	1	...	...	...	58
	Rajkot	...	...	...	1	1	8	17	12	4	3	...	2	48
	Songad	...	...	...	1	...	10	18	14	7	1	...	...	51
	Jetalsar	...	...	...	...	...	11	22	23	3	3	...	...	62
	Bhuj	...	...	...	...	...	6	17	17	3	1	1	2	47
	Rhahpur	...	...	...	...	...	2	4	3	...	...	...	...	59
	Nagar	...	...	...	1	1	1	6	7	1	...	1	1	19
	Kurrachee	...	...	1	...	...	2	5	6	...	...	4	6	24
	Sehwan	...	...	2	1	...	...	2	3	...	...	3	3	14
	Tatta	...	...	...	...	...	3	3	6	...	...	3	4	19
	Hyderabad (Obsy.)	...	...	...	...	...	1	2	8	...	...	2	2	15
	Umarkot	...	...	...	1	...	...	2	6	...	...	2	2	13

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY-*contd.*	Shikarpur	...	2	1	1	...	...	1	4	...	...	4	4	17
	Rohri	...	1	...	...	...	...	2	5	...	...	5	4	17
	Jacobabad	...	...	1	2	...	...	1	4	...	...	4	5	17
MADRAS	Ganjam (Rambha)*	...	...	4	...	5	12	12	13	14	9	4	1	74
	Gopalpur	...	...	4	1	6	8	16	10	14	11	8	3	81
	Aska	...	...	6	1	6	9	10	15	12	8	6	3	76
	Aska (Minchin Bro.'s Bungalow).	...	...	6	3	7	9	12	17	17	11	6	3	91
	Aska (Minchin Bro.'s Office).	...	...	6	3	7	9	12	17	17	11	6	3	91
	Vizianagram	...	...	1	...	2	6	6	14	10	6	7	2	54
	Bimlipatam	...	...	...	1	2	6	5	9	9	6	6	...	44
	Rayaghadda	...	...	4	4	5	12	10	18	15	9	5	3	85
	Nourangapur	...	...	1	4	2	15	25	21	17	3	...	2	90
	Gunipur	...	...	4	1	6	10	14	11	13	3	6	1	69
	Jeypur	...	...	3	6	4	20	27	29	20	6	7	1	123
	Koraput	...	...	2	5	2	18	27	28	23	9	6	1	121
	Malkanagiri	...	...	1	6	4	15	27	24	22	7	5	...	111
	Narsapatnam	...	...	2	2	6	16	17	13	15	10	5	1	87
	Vizagapatam	...	...	3	1	2	8	15	11	12	8	8	1	69
	Cocanada	...	...	...	...	3	14	16	7	10	6	6	...	62
	Rajahmundry	...	...	...	2	5	16	22	11	14	10	6	1	87
	Ellore	...	...	...	...	1	12	16	7	4	9	7	...	56
	Masulipatam	...	...	...	...	...	17	16	15	11	6	10	3	78
	Guntur	...	...	...	...	...	11	7	6	7	4	5	...	40
	Vinukonda	...	...	3	...	1	5	4	11	11	9	8	1	53
	Ongole	...	...	...	...	1	9	3	10	9	11	8	4	55
	Nellore	...	...	...	...	...	5	5	2	2	3	4	4	25
	Udayagiri	...	...	3	1	2	6	5	5	4	7	7	5	45
	Tada	2	...	...	...	...	6	10	3	4	11	8	2	44
	Kurnool	...	...	1	4	5	13	18	17	16	8	8	3	93
	Cumbum	...	...	...	...	...	6	5	5	6	1	2	3	28
	Nandyal	...	...	...	6	4	12	6	12	14	4	3	...	61
	Bellary	...	...	1	7	5	5	6	6	13	11	9	2	65
	Gooty	...	...	...	2	2	1	3	6	11	6	4	...	35
	Adoni	...	...	1	4	2	8	7	8	10	7	7	2	56
	Dharmavaram	...	...	1	1	2	2	1	4	9	8	10	1	39
	Cuddapah	...	...	...	2	4	3	2	9	10	6	7	1	44
	Madnapalle	...	...	...	3	3	6	2	2	5	11	6	...	38
	Chittoor	...	...	1	2	1	6	6	6	7	10	5	1	45
	Vellore	1	...	...	2	10	8	6	8	7	11	9	2	64

* At Rambha from March.

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS —*contd.*	Chandragiri	...	...	...	1	3	2	4	5	2	6	5	1	29
	Arcot	...	...	...	...	2	8	8	9	5	14	8	1	55
	Madras	1	...	...	1	...	10	11	12	13	12	14	7	81
	Palmaner	...	...	1	2	6	8	5	7	7	10	5	3	54
	Saidapet	1	...	...	1	...	6	9	5	7	5	6	3	43
	Chingleput	1	...	...	1	2	8	8	5	5	10	4	1	45
	Conjeeveram	1	...	...	1	...	5	9	7	5	11	11	4	54
	Tindivanam	1	...	...	...	2	3	7	4	5	12	8	2	44
	Cuddalore	2	...	...	...	...	9	9	9	9	14	15	5	72
	Vriddhachalam	2	...	...	2	2	6	3	10	7	9	6	...	47
	Udayarpalaiyam	2	...	1	4	4	6	4	6	7	10	7	1	52
	Salem	2	...	4	7	11	11	15	14	9	10	7	1	91
	Atur	1	...	1	2	4	4	4	5	7	5	7	...	40
	Shevaroy Hills	1	...	3	7	8	15	16	12	14	9	8	1	94
	Kumbakonam	2	...	...	2	1	9	2	5	7	14	8	2	52
	Tirupatur	...	...	...	...	10	7	6	9	8	10	5	1	56
	Hosur	1	...	3	4	11	2	6	7	8	9	5	1	57
	Tranquebar	2	1	...	2	...	7	5	9	9	10	16	1	62
	Negapatam	2	1	...	1	1	7	5	9	11	14	21	4	76
	Tanjore	2	...	...	2	...	5	7	6	7	12	10	1	52
	Putukota	2	1	...	4	1	4	2	7	5	12	9	1	48
	Trichinopoly	2	...	1	2	4	5	5	7	7	14	11	2	60
	Karur	2	...	...	2	6	2	1	9	6	11	8	...	47
	Coimbatore	2	...	4	10	5	5	6	6	6	16	1	1	62
	Kollegal	...	...	1	5	9	4	3	5	3	10	6	...	46
	Dindigul	2	2	3	7	6	9	8	8	5	13	12	2	77
	Madura (Obsy.)	2	1	2	4	9	7	9	12	7	13	8	2	76
	Madura (Cutchery)	2	1	2	4	6	4	6	9	5	10	5	...	54
	Pasumali	2	1	1	3	6	5	4	?	?	6	5	2	?
	Vattanum	2	2	3	6	...	6	4	4	6	6	8	1	48
	Periyakulam	2	2	4	9	6	1	2	7	3	12	9	1	58
	Tinnevelly	...	2	4	6	...	1	...	1	...	5	5	4	28
	Tuticorin	...	2	1	4	...	...	3	...	...	6	8	2	26
	Satur	...	2	1	6	3	1	1	9	6	10	2	2	43
	Cochin	1	3	4	15	16	21	24	14	20	17	7	3	145
	Palghat	1	1	5	9	4	23	26	13	14	13	2	1	112
	Wellington	2	3	7	12	12	17	16	20	14	17	11	5	136
	Manantoddy	...	...	9	10	10	28	29	15	18	11	5	2	137
	Calicut	...	1	1	12	10	28	24	12	11	9	3	2	113

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

Province.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS	Tellicherry	...	...	3	12	14	27	26	15	17	7	4	1	126
	Cannanore	...	2	2	7	7	29	26	15	14	8	3	1	114
	Mangalore	...	1	1	5	10	30	29	22	20	13	5	...	136
MYSORE AND COORG.	Bangalore	1	...	2	5	9	5	11	14	14	12	7	1	81
	Mysore	...	1	2	6	10	2	11	12	13	9	3	1	70
	Shimoga	...	...	1	6	5	17	26	14	8	7	6	2	92
	Mercara	...	...	7	16	12	28	29	23	26	14	6	4	165
	Kolar	...	...	3	4	11	5	6	10	15	13	6	1	74
	Tumkur	1	...	3	7	8	9	13	13	12	11	8	2	87
	Chitaldroog	...	...	2	4	8	9	14	14	6	9	7	2	75
	Chikmagalur	...	...	4	11	9	18	21	11	9	12	7	2	104
	Hassan	...	...	4	10	9	12	16	13	11	13	8	1	97
CEYLON	Jaffna	10	1	1	9	...	1	2	4	6	16	20	7	77
	Mannar	8	3	5	8	...	1	1	2	3	7	16	9	63
	Trincomalee	11	3	4	3	5	9	2	11	9	12	20	15	104
	Batticaloa	11	11	8	2	2	5	3	7	4	11	19	15	98
	Hambantota	5	5	3	12	4	2	4	1	2	9	10	11	68
	Galle	7	11	19	22	21	17	21	15	16	26	25	16	216
	Ratnapura	8	13	16	25	23	22	20	16	24	27	23	15	232
	Colombo	5	10	22	26	20	15	11	14	19	20	23	18	203
	Kandy	6	7	9	17	?	20	21	15	17	22	18	13	?
	Newera Eliya	8	8	10	19	10	20	20	22	17	24	18	14	190
	Puttalam	6	7	12	13	...	1	2	...	...	8	21	13	83
	Anuradhapur	8	5	4	18	3	5	1	5	3	14	21	15	102
BURMA	Akyab	...	...	3	4	17	30	31	29	26	11	3	...	154
	Kyaukpyu	...	...	2	4	12	29	31	29	17	15	6	...	145
	Sandoway	1	...	...	5	14	27	29	26	22	10	2	...	136
	Rangoon	3	...	2	7	20	28	31	27	22	12	4	...	156
	Bassein	3	...	...	5	18	30	31	29	29	22	8	...	175
	Diamond Island	4	1	...	3	17	25	27	20	26	16	5	...	144
	Henzada	1	...	...	3	12	28	29	27	24	11	1	...	136
	Myanaung	1	...	...	3	8	26	27	26	16	9	3	...	119
	Prome	2	...	1	4	12	23	25	19	15	8	3	...	112
	Thayetmyo	1	...	2	7	11	23	29	19	17	7	2	...	118
	Mandalay	1	...	3	3	7	1	2	11	8	9	4	...	49
	Saweyba	...	...	1	2	11	6	1	12	10	9	4	...	56
	Yeu	...	...	4	6	15	6	8	13	18	8	2	...	80
	Minbu	...	...	...	2	11	14	12	14	13	9	2	...	77
	Pyinmana	2	...	...	7	15	15	28	23	17	10	3	...	120

TABLE XIII.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1890.

PROVINCE.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BURMA—*contd.*	Pagan . .	...	...	3	1	4	...	2	5	8	11	1	...	35
	Kyanksai . .	1	...	3	4	8	4	3	12	7	8	6	...	56
	Bhamo . .	3	...	7	13	16	28	30	28	20	9	3	...	157
	Kendat . .	...	...	6	2	8	16	13	12	14	8	1	...	80
	Magwe . .	1	...	...	3	14	9	14	12	11	8	2	...	74
	Ye Methin . .	...	...	1	8	16	13	22	19	19	9	3	...	110
	Fort Sagaing .	1	...	3	4	8	3	3	14	13	8	6	...	63
	Mingin . .	...	...	2	...	13	12	13	14	22	21	5	...	102
	Toungoo . .	3	...	...	6	18	29	31	30	26	15	3	...	161
	Shwegyin . .	6	...	...	8	22	30	31	31	27	15	...	...	170
	Moulmein . .	6	1	...	10	20	29	31	24	26	14	3	...	164
	Tavoy . .	2	2	1	7	25	30	30	24	27	19	4	...	171
	Mergui . .	4	8	8	9	26	26	23	22	26	18	6	1	177
	Myingyan . .	...	...	2	1	7	4	6	12	14	7	3	...	56
	Monywa . .	...	...	4	6	9	3	...	10	11	8	3	...	54
	Salim Myo . .	...	...	2	1	9	2	11	12	7	9	3	...	56
BAY ISLANDS.	Cocos Island .	7	2	...	4	16	21	24	17	21	14	8	1	135
	Port Blair . .	7	9	1	11	23	27	23	21	23	21	12	3	181

APPENDIX B.

REGISTERS OF ORIGINAL OBSERVATIONS IN 1890, REDUCED AND CORRECTED.

1. CALCUTTA (ALIPORE).
2. ALLAHABAD.
3. LUCKNOW.
4. LAHORE.
5. NAGPUR.
6. BOMBAY.
7. MADRAS.

APPEN

Register of original observations

CALCUTTA (ALIPORE)—

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·864	29·936	29·782	29·890	29·857	54·2	68·2	75·1	59·4	64·3	75·7	52·9	22·8	8·7	126·5	50·8	45·5	8·1	SW	WNW	NW by N	NNW	72
2	·896	·998	·883	·974	·922	54·9	67·6	73·4	59·3	63·9	74·8	53·7	21·1	9·1	129·1	54·3	44·3	9·4	W	N by W	N by W	N	70
3	·951	30·023	·880	·962	·948	56·2	66·5	74·2	61·5	64·4	74·7	54·3	20·4	8·8	125·8	51·1	46·0	9·4	N	N	N by W	Calm	58
4	·939	·010	·881	·957	·937	58·7	68·4	74·5	63·5	65·8	75·9	57·2	18·7	7·1	134·7	58·8	50·0	7·3	N	NNE	N by E	N	31
5	·938	·007	·882	·984	·935	58·8	71·8	77·2	65·6	67·6	77·7	58·2	19·5	8·8	131·3	53·6	50·9	7·6	W	W by S	W	SW by S	41
6	·982	·072	·966	30·034	30·000	59·4	70·6	77·4	63·9	67·5	77·9	58·0	19·9	9·0	129·1	51·2	51·0	7·4	SW by S	SW by S	WNW	WNW	56
7	30·020	·095	·967	·023	·019	59·4	70·3	77·4	65·4	67·2	77·7	57·9	19·8	8·4	133·8	56·1	49·4	8·6	W	WNW	SW	SW by W	48
8	29·988	·036	·909	29·997	29·978	60·3	72·4	77·5	61·3	67·4	78·5	58·3	20·2	9·1	135·5	57·0	51·7	7·5	Calm	SW by W	WSW	WSW	79
9	30·006	·079	·959	30·028	30·003	57·4	69·8	75·6	61·3	65·3	76·0	55·3	20·7	8·9	127·8	51·8	46·7	8·6	N	N	NNW	WNW	45
10	29·986	·040	·886	29·967	29·958	57·1	68·4	76·2	66·2	66·3	76·5	55·9	20·6	7·3	126·5	50·0	48·0	8·1	WNW	WNW	W by N	W by N	35
11	·928	·014	·888	·965	·943	60·1	70·3	76·6	63·1	67·5	77·0	58·3	18·7	9·0	134·0	57·0	51·8	7·1	W by N	NW by W	W	SW	50
12	·950	·024	·900	·965	·950	58·1	69·4	77·4	64·9	66·6	77·8	56·9	20·9	8·5	135·1	57·3	49·0	8·3	Calm	SW	WSW	WSW	39
13	·962	·034	·893	·954	·948	58·3	71·6	78·6	66·4	68·1	79·0	57·3	21·7	9·2	133·9	54·9	50·9	6·5	Calm	WSW	W by S	SW	67
14	·935	·021	·878	·977	·940	61·3	71·6	77·6	62·7	68·5	79·3	60·5	18·8	8·6	133·9	54·6	53·0	7·7	SW	WSW	N	NNE	57
15	·970	·037	·909	·983	·967	56·4	69·6	77·2	62·5	66·1	77·5	55·5	22·0	8·4	129·6	52·1	47·4	8·1	NNE	NNE	NNW	NNW	54
16	·967	·060	·960	30·019	·990	56·4	70·7	77·6	61·4	65·9	78·6	55·6	23·0	9·2	129·3	50·7	46·8	8·9	Calm	Calm	NNW	Calm	35
17	30·010	·079	·959	·026	30·009	55·9	71·7	79·4	62·4	66·4	79·9	54·7	25·2	9·1	124·9	45·0	47·0	8·2	NW by N	NW by N	NW by N	NNW	28
18	·020	·081	·937	29·975	29·999	56·9	70·4	78·3	67·2	66·6	78·6	56·0	22·6	8·9	129·4	50·8	47·7	8·6	NNW	NNW	SW	SW by S	39
19	29·902	29·978	·831	·872	·898	59·4	72·4	80·2	68·6	69·7	81·4	58·3	23·1	9·4	130·8	49·4	51·2	7·3	SW by S	SW	S	S by E	85
20	·839	·917	·803	·905	·855	66·6	71·4	78·4	68·4	70·9	79·0	64·3	14·7	6·5	131·0	52·0	58·0	6·3	N by W	SE by E	N by W	NNE	83
21	·910	·972	·854	·938	·910	61·6	69·4	75·1	63·9	68·4	76·4	60·3	16·1	8·8	132·4	56·0	52·8	8·0	N	N by W	N	Calm	80
22	·908	·977	·840	·900	·905	58·6	70·4	77·2	64·4	67·4	77·8	57·8	20·0	8·9	129·4	51·6	49·9	8·4	ENE	NNW	WNW	N	38
23	·879	·939	·797	·844	·863	58·1	72·8	78·7	68·0	68·5	79·2	57·3	21·9	9·6	134·1	54·9	50·2	7·1	Calm	WSW	W by S	SSW	44
24	·810	·872	·736	·795	·804	65·1	75·6	80·4	71·4	72·6	81·7	63·7	18·0	9·3	133·3	51·6	57·0	7·1	SSE	SW	S by W	S by W	123
25	·819	·919	·809	·891	·852	64·3	67·4	74·9	63·0	68·7	75·7	62·8	12·9	8·1	132·7	57·0	60·8	2·6	N	N by W	NNW	NNW	131
26	·926	30·012	·893	·938	·933	57·0	65·8	71·4	56·2	63·9	71·7	55·2	16·5	9·6	129·5	57·8	48·1	8·1	NNW	NNW	N	N by E	74
27	·909	·006	·898	·954	·934	52·7	64·4	70·6	54·3	60·5	71·4	50·4	21·0	9·3	130·4	59·0	39·8	10·9	N by E	Calm	W by N	Calm	48
28	·952	·050	·949	30·029	·978	49·4	64·4	72·3	55·5	60·1	73·4	47·6	25·8	9·6	131·7	58·3	38·6	9·7	WNW	Calm	N by W	N	37
29	30·038	·128	·993	·052	30·043	52·9	64·6	73·0	62·1	61·9	73·3	50·4	22·9	9·4	132·3	59·0	39·0	11·4	N by E	NNE	NNW	NNW	105
30	·004	·074	·947	·040	·013	53·9	65·4	75·0	59·2	63·8	75·8	52·6	23·2	9·5	131·0	55·2	43·7	9·6	N	N	N by E	N	97
31	·036	·118	·976	·052	·044	57·4	68·2	75·4	59·1	64·2	76·2	53·5	22·7	9·6	130·2	54·0	44·0	9·5	NNE	NNE	N by E	NE by N	65
Mean	29·943	30·020	29·892	29·964	29·946	58·0	69·4	76·3	63·0	66·3	77·0	56·5	20·5	Total 273·7	130·9	54·0	48·7	8·1	...	...	...	...	63·4

in 1890, reduced and corrected.

JANUARY 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	53·9	58·3	58·8	56·3	57·5	52·6	·414	·357	·281	·414	·385	·393	98	51	32	81	68	98	*Nil*	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
2	53·3	60·2	58·3	55·5	57·3	52·3	·388	·424	·288	·392	·387	·375	90	62	35	77	67	91	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
3	53·4	58·4	62·1	60·5	58·8	52·7	·373	·383	·398	·516	·428	·379	82	59	47	94	72	89	„	0	0	2	1	*b.* ⌓	Ck. *b. c.*	Ck. *c.* ≡
4	57·3	63·1	65·2	62·1	61·6	56·2	·453	·508	·498	·540	·495	·440	92	73	58	92	79	94	„	0	0	3	9	*b.* ⌓	Ck. *b. c.*	Ck. *c.*
5	58·4	63·8	63·8	62·8	62·7	58·1	·485	·487	·413	·536	·507	·485	98	62	44	85	77	99	„	5	6	1	0	Ck. *c.* ⌓ ≡	K. Ck. *c.*	*b.*
6	59·1	64·0	64·4	61·7	62·7	57·8	·499	·510	·432	·522	·509	·478	98	68	46	88	77	99	„	0	0	2	0	*b.* ⌓ ≡	K. Ck. *c. b.*	*b.* ⌓ ≡
7	58·4	63·3	64·6	63·0	62·6	57·3	·477	·490	·439	·545	·511	·464	94	66	47	87	78	96	„	0	0	2	0	*b.* ⌓ ≡	K. *c. b.*	*b.*
8	60·0	65·5	63·4	59·1	62·8	58·3	·515	·537	·397	·474	·514	·489	98	67	42	87	78	100	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
9	56·4	62·3	61·6	59·3	59·8	54·8	·443	·463	·362	·480	·443	·425	94	63	41	88	73	97	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
10	55·9	63·1	65·4	63·7	61·9	55·4	·432	·508	·482	·558	·503	·434	93	73	53	87	78	97	„	6	0	1	7	Ck. *c.* ⌓ ≡	Fk. *b. c.*	Ck.
11	59·1	64·3	64·5	61·0	62·6	57·9	·490	·524	·447	·510	·508	·476	94	70	49	88	77	98	„	0	0	2	0	*b.* ⌓	K. *b. c.*	*b.*
12	57·3	66·7	64·3	62·5	62·7	56·8	·461	·620	·429	·536	·521	·463	95	86	46	87	81	99	„	0	0	1	0	*b.* ⌓ ≡	K. *b. c.*	*b.*
13	58·2	66·8	64·4	65·5	63·8	57·3	·486	·594	·416	·617	·538	·472	99	77	42	95	80	100	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
14	60·8	67·8	63·2	59·5	63·4	60·3	·527	·630	·389	·468	·518	·523	97	82	41	82	77	99	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
15	56·0	62·3	62·5	60·3	60·5	54·9	·445	·466	·372	·495	·457	·425	98	64	40	88	73	97	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
16	56·0	62·3	62·5	58·7	60·4	55·2	·445	·451	·366	·460	·455	·432	98	59	38	84	73	98	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
17	55·3	63·7	63·5	60·3	61·0	54·4	·432	·485	·376	·497	·467	·421	96	62	37	88	74	98	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
18	56·6	63·3	65·3	62·5	61·7	55·3	·456	·489	·451	·504	·489	·430	98	66	46	76	76	96	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
19	59·3	68·2	70·9	67·3	65·3	58·2	·505	·635	·633	·653	·571	·486	99	80	61	93	80	99	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
20	66·1	68·0	67·3	64·7	66·5	64·0	·636	·640	·522	·563	·592	·594	97	83	54	81	79	98	„	10	8	2	0	Pk. Fk. K.Ck. *o. c.*	K. Fk. *c.*	*b.*
21	61·0	65·6	64·5	61·6	63·7	59·8	·530	·581	·467	·517	·529	·509	96	81	54	87	77	97	„	0	0	2	0	*b.* ⌓	K. Fk. *b. c.*	*b.*
22	58·3	64·3	64·2	61·8	62·3	57·6	·485	·523	·428	·519	·498	·474	98	70	46	86	76	99	„	0	0	2	0	*b.* ⌓ ≡	K. Fk. *b. c.*	*b.*
23	57·3	65·3	64·5	65·3	63·3	56·6	·461	·525	·419	·590	·517	·451	95	65	43	86	76	96	„	0	0	1	0	*b.* ⌓ ≡	K. *b. c.*	*b.*
24	64·3	69·5	71·6	69·3	68·6	63·3	·593	·641	·658	·690	·651	·577	96	73	63	90	81	98	„	3	0	2	0	Fk. *c. b.* ⌓	K. Fk. *c. b.*	*b.*
25	63·4	64·3	64·3	61·7	64·8	62·3	·573	·563	·462	·534	·564	·557	95	84	54	93	81	97	0·77	10	7	1	0	Pk. Ck. Fk. *o. c. p.*	K. Ck. *c.*	*b.*
26	55·9	53·3	56·6	53·3	57·2	52·5	·434	·243	·264	·370	·384	·361	93	38	35	82	66	83	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
27	48·9	55·1	54·1	52·1	52·9	47·9	·298	·314	·202	·361	·304	·302	74	52	27	86	60	82	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
28	47·9	52·4	55·1	52·4	52·9	46·8	·315	·237	·208	·355	·308	·310	89	39	26	80	63	94	„	0	5	0	0	*b.* ⌓	C. *c. b.*	*b.*
29	49·1	53·0	54·2	52·9	52·7	47·8	·299	·251	·173	·281	·277	·300	74	41	21	50	53	81	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
30	50·4	55·4	59·5	55·6	55·9	49·6	·321	·308	·394	·397	·346	·317	77	49	35	78	60	80	„	0	0	0	0	*b.*	*b.*	*b.*
31	53·3	58·5	59·0	55·7	57·0	51·8	·355	·363	·283	·400	·370	·364	74	53	32	80	69	89	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
Mean	56·8	62·3	62·7	60·3	60·9	55·7	·452	·476	·395	·493	·469	·439	93	65	43	85	74	95	Total 0·77	1·10	0·84	0·77	0·55	...	...	...

CALCUTTA (ALIPORE)—FEBRUARY 1890.

Days.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	30·047	30·145	30·025	30·106	30·069	52·9	68·8	76·4	58·4	64·1	76·7	52·0	24·7	9·4	132·6	55·9	41·5	10·6	NE by N	NNE	N	N by W	55
2	·093	·170	·034	·102	·092	53·8	68·7	76·2	59·8	63·9	76·4	52·3	24·1	9·6	131·2	54·8	42·5	9·8	NNW	ENE	W by S	W by S	42
3	·072	·139	29·994	·038	·056	55·8	69·4	76·7	58·8	64·2	77·3	53·6	23·7	9·9	132·5	55·2	44·1	10·1	NNW	NE by N	NNW	WNW	64
4	·017	·080	·959	·025	·013	54·9	71·4	77·6	60·9	64·9	78·5	53·3	25·2	9·2	130·5	52·0	44·8	9·0	W	N by W	W by S	SE by E	43
5	·012	·103	·983	·044	·028	55·6	69·8	77·1	62·0	65·7	78·0	54·3	23·7	9·6	132·1	54·1	46·6	7·9	N	ENE	SW	SW by W	54
6	·039	·126	30·002	·049	·047	54·3	70·1	77·4	59·1	64·7	77·6	52·9	24·7	9·3	130·8	53·2	44·0	9·3	NNE	ENE	WNW	Calm	41
7	·017	·076	29·934	·011	·003	58·3	69·8	80·5	60·6	66·3	80·8	54·5	26·3	9·6	134·3	53·5	45·5	9·0	NW	Calm	NNW	NNW	32
8	·029	·098	·981	·041	·023	59·4	71·0	80·4	62·2	68·0	80·8	58·2	22·6	9·4	137·5	56·7	48·9	9·3	NNW	N	N by E	NNE	47
9	·037	·110	·981	·041	·038	58·3	73·2	82·1	63·3	68·0	82·5	56·3	26·2	9·5	136·2	53·7	47·8	9·2	NNE	NNE	N by W	Calm	50
10	·045	·118	30·000	·051	·048	57·7	74·4	81·4	63·5	67·9	81·7	56·3	25·4	8·4	134·5	52·8	47·6	9·1	SSE	SSE	NNW	NNE	40
11	·061	·132	·000	·057	·051	55·7	72·0	80·7	60·6	66·8	81·3	54·3	27·0	9·6	137·5	56·2	44·9	9·4	NE by N	N by E	NW	NNW	67
12	·004	·088	29·940	·009	·008	52·2	69·7	80·5	62·0	65·5	81·1	50·7	30·4	9·2	134·2	53·1	40·5	10·8	NNW	NNW	WNW	W	46
13	29·980	·045	·889	29·947	29·962	56·2	73·4	82·3	66·4	68·1	82·6	54·7	27·9	8·6	135·5	52·9	45·5	9·2	S by W	W	SW	SSW	42
14	·910	29·956	·818	·898	·892	60·2	74·4	83·4	68·6	70·6	84·2	58·5	25·7	9·0	140·6	56·4	50·7	7·9	SSW	SW	SW by W	SW by S	93
15	·850	·909	·730	·790	·819	67·0	71·0	82·0	69·7	72·3	82·2	64·1	18·1	7·2	134·3	52·1	55·5	8·6	SSW	WSW	WSW	SW by S	71
16	·768	·839	·676	·727	·755	70·5	75·7	83·3	72·0	75·4	86·4	67·7	18·7	7·9	137·5	51·1	59·8	7·9	SW	SW	SSW	S	118
17	·701	·799	·692	·807	·734	70·5	79·1	86·7	73·4	77·1	88·5	69·5	19·0	8·9	139·5	51·0	64·3	5·2	SW by S	SW	S by W	SSW	183
18	·842	·943	·844	·930	·871	66·8	77·4	84·3	67·0	74·6	85·5	66·0	19·5	7·3	138·5	53·0	60·1	6·1	WNW	NNE	N by W	Calm	101
19	·908	30·001	·849	·943	·916	60·5	78·0	84·8	69·8	72·4	85·2	59·3	25·9	8·1	140·2	55·0	51·4	8·1	Calm	NNW	N by W	SE by S	30
20	·919	29·987	·851	·899	·909	63·2	78·1	86·2	72·5	74·2	86·5	61·4	25·1	8·1	139·0	52·5	54·9	6·8	S	SW	SW	S	68
21	·897	·977	·832	·887	·888	65·6	79·2	88·2	72·1	75·8	88·5	63·9	24·6	8·9	143·4	54·9	59·4	5·1	WSW	W	NW	SW by S	76
22	·882	·962	·825	·935	·890	64·6	78·3	87·9	72·3	75·2	88·6	63·1	25·5	8·6	142·6	54·0	56·9	6·3	NW by N	WNW	WNW	SSW	71
23	·929	·994	·848	·938	·916	65·4	76·6	87·1	71·6	75·6	87·7	63·3	24·4	9·1	142·8	55·1	57·6	7·1	NW by W	NNE	WSW	SW by S	47
24	·936	·984	·866	·939	·922	69·2	78·4	87·5	74·1	76·6	87·9	66·1	21·8	9·6	141·2	53·3	59·2	6·9	W	WSW	SSW	SW by W	78
25	·915	·991	·868	·879	·915	66·6	76·4	86·6	73·8	76·1	87·4	65·0	22·4	8·4	141·3	53·9	58·3	6·7	SW by W	WSW	NW	W by S	96
26	·884	·932	·796	·858	·862	65·4	81·1	86·6	73·5	76·0	90·8	62·8	28·0	9·3	142·5	51·7	56·5	6·8	N by W	SW	SSW	SSW	109
27	·869	·964	·846	·913	·886	69·4	80·6	86·4	75·8	78·1	87·5	66·9	20·6	8·3	140·0	52·5	61·0	7·2	WNW	N by W	NNE	S	121
28	·936	30·001	·856	·924	·918	68·4	80·5	86·4	69·1	76·4	86·7	65·6	21·1	8·2	140·3	53·6	60·4	7·2	WNW	ENE	WNW	SE by S	70
Mean	29·950	30·024	29·890	29·957	29·948	61·4	74·5	82·7	66·9	70·9	83·5	59·5	24·0	Total 248·2	137·3	53·7	51·8	8·1	...	...	...	...	69·8

DATE.	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.						Rainfall, inches.	CLOUD 0 TO 10.				CLOUD AND WEATHER INITIALS.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	51·4	58·7	58·2	55·3	55·9	50·8	·362	·362	·246	·398	·338	·357	90	51	27	81	60	92	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
2	50·5	56·1	58·6	56·3	55·9	49·9	·325	·285	·260	·409	·346	·329	78	41	29	79	61	84	„	0	0	0	0	*b.*	*b.*	*b.*
3	52·4	57·3	59·4	55·3	56·5	50·5	·350	·311	·278	·393	·356	·328	78	43	30	79	63	80	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
4	53·3	58·1	61·1	57·0	57·6	52·4	·388	·309	·320	·415	·381	·383	89	41	34	77	66	94	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
5	53·6	55·6	62·5	58·7	58·2	52·3	·386	·256	·373	·453	·392	·367	87	36	41	81	64	87	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
6	53·4	56·8	59·5	55·3	57·3	52·5	·398	·287	·272	·389	·374	·390	94	39	29	77	65	97	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
7	58·3	64·9	62·5	57·3	59·8	53·6	·489	·550	·327	·428	·432	·401	100	75	32	80	70	94	„	0	0	0	0	*b.* ⌓ ≡	*b.* ≡	*b.*
8	59·3	65·7	61·5	58·3	61·1	56·0	·505	·563	·296	·436	·448	·421	99	74	29	78	69	87	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
9	56·2	60·1	62·1	59·3	59·9	54·3	·426	·347	·292	·453	·410	·397	87	43	26	78	63	87	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
10	56·8	63·1	62·3	59·5	60·1	55·8	·451	·428	·309	·457	·417	·441	95	50	29	78	65	97	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
11	53·9	58·4	61·6	56·5	57·7	52·7	·394	·310	·295	·405	·360	·379	89	40	29	76	59	89	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
12	50·6	59·6	63·1	57·7	57·4	49·3	·349	·378	·346	·422	·367	·334	89	53	33	76	62	91	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
13	55·3	62·3	66·3	61·3	60·0	54·3	·427	·415	·433	·476	·415	·418	95	51	39	73	64	97	„	0	1	6	0	C. *c.* *b* ⌓	C. Cs. *c.*	*b.*
14	59·4	67·5	68·5	65·4	65·4	58·3	·497	·582	·499	·584	·532	·486	95	68	44	84	74	99	„	5	7	5	0	C. Cs. *c.* ⌓ ≡	C. Cs. *c.*	*b.*
15	67·0	68·5	69·8	67·7	68·3	63·7	·663	·665	·566	·653	·644	·586	100	88	52	90	82	98	„	0	9	0	0	*b.* ⌓ ≡	Fk. c. *b.*	*b.*
16	70·2	71·3	73·3	70·0	71·0	67·1	·736	·709	·686	·708	·702	·657	98	79	60	90	81	97	„	9	6	5	0	Pc. Fk. *c.* ⌓	C. Cs. K. Fk. *c.*	*b.*
17	67·6	70·3	73·3	70·2	71·1	67·3	·638	·625	·640	·697	·681	·641	86	62	50	85	74	89	„	0	0	0	0	*b.*	*b.*	*b.*
18	66·5	62·1	62·4	60·5	66·9	60·8	·648	·353	·273	·442	·566	·465	98	37	23	67	67	72	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
19	58·3	61·5	63·6	61·7	62·4	57·3	·459	·328	·306	·443	·432	·445	87	34	26	61	58	88	„	0	0	0	0	*b.*	*b.*	*b.*
20	61·9	67·1	68·8	62·9	66·7	60·5	·538	·518	·471	·447	·557	·518	93	54	38	56	67	95	„	0	0	0	0	*b.*	*b.*	*b.*
21	64·8	67·3	63·5	65·0	66·3	62·3	·604	·510	·258	·524	·519	·542	96	51	20	67	62	91	„	0	0	0	0	*b*	*b.*	*b.*
22	63·7	65·9	65·5	70·3	67·5	62·6	·578	·471	·329	·716	·574	·562	95	48	25	90	69	97	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
23	64·5	68·1	66·9	68·4	68·5	62·8	·596	·574	·390	·653	·602	·566	95	62	31	84	71	97	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
24	67·3	69·6	68·6	68·0	69·5	64·4	·644	·607	·446	·605	·627	·583	90	62	34	72	71	91	„	10	0	0	0	Pk. Fk. *o.* *b.*	*b.*	*b.*
25	66·2	71·2	64·4	65·6	68·8	63·4	·639	·6[illegible]5	·309	·523	·608	·564	98	76	24	62	70	91	„	4	3	1	4	C. Cs. Fk. *c.* ≡ ⌓	C. Cs. Ck. *c.*	Cs. Ck. *c.*
26	63·5	69·3	73·1	69·9	69·0	61·8	·562	·559	·634	·685	·616	·540	90	52	50	83	69	94	„	0	0	1	0	*b.*	Ck. *c.* *b.*	*b.*
27	67·7	67·4	65·6	70·3	70·3	64·5	·657	·495	·353	·669	·644	·576	91	47	28	75	68	87	„	0	0	4	3	*b.* ⌓	C. Cs. *b.* *c.*	Ck. *c.*
28	64·3	60·3	63·3	63·0	64·9	62·4	·549	·255	·275	·496	·468	·523	79	25	22	70	55	83	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
Mean	59·9	63·7	64·6	62·4	63·4	58·0	·509	·455	·374	·514	·493	·471	91	53	33	77	67	91	*Nil.*	1·00	0·93	0·79	0·25	...	...	...

CALCUTTA (ALIPORE)—MARCH 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·910	29·973	29·842	29·973	29·905	68·1	77·6	86·3	77·2	75·9	86·8	62·8	24·0	7·3	142·2	55·4	55·5	7·5	S by E	SW by S	S	W	51
2	·943	30·009	·894	·974	·960	69·6	73·9	83·0	71·5	75·9	83·6	68·3	15·3	0·7	137·8	54·2	65·3	3·1	WSW	SSE	W	SW by S	136
3	·963	·047	·904	·968	·965	64·8	78·4	87·2	73·4	75·8	87·5	63·8	23·7	9·1	140·5	53·0	56·5	7·5	SSW	W N W	SW by W	SSW	58
4	·966	·937	·926	·980	·967	70·8	81·1	87·4	75·5	78·3	88·7	68·9	19·8	5·8	144·0	55·3	62·5	7·2	SW by W	SW by W	WSW	W	99
5	·976	·065	·913	·966	·965	71·9	77·4	82·7	72·0	76·8	84·5	70·2	14·3	5·0	141·5	57·0	64·6	5·7	NNW	NNE	N by W	NNE	93
6	·970	·025	·879	·933	·943	67·4	77·6	84·5	73·8	76·6	85·5	66·6	18·9	9·4	142·4	56·9	64·4	2·4	NNW	WNW	WNW	WSW	103
7	·906	29·971	·852	·896	·906	66·0	78·4	85·4	70·6	75·9	85·9	65·6	20·3	6·5	143·5	57·6	56·8	8·8	WSW	W by N	WNW	SSW	65
8	·884	·957	·827	·902	·882	64·5	80·8	86·1	72·6	75·8	88·6	63·3	25·3	7·9	146·5	57·9	54·6	8·7	SSW	SW	SSE	SSW	110
9	·884	·984	·830	·907	·895	73·4	76·4	84·2	68·6	75·2	84·9	67·7	17·2	4·3	141·6	56·7	64·1	6·6	SW	N	SSE	ESE	116
10	·889	·963	·798	·832	·865	66·4	71·4	82·6	73·4	73·8	82·8	64·8	18·0	4·1	143·8	61·0	60·3	4·5	NNE	NNE	SW by W	SSW	72
11	·791	·867	·726	·805	·793	71·4	79·4	86·5	75·4	77·7	88·6	68·8	19·8	7·2	146·5	57·9	64·0	5·1	SW	SW by W	SSE	S by W	83
12	·805	·866	·713	·791	·783	70·6	80·3	86·3	77·4	78·1	87·6	68·7	18·9	8·8	146·5	58·9	65·9	3·3	SW	SW by W	SSW	SSW	129
13	·760	·813	·706	·790	·757	71·2	79·4	86·0	76·4	78·4	87·5	69·0	18·5	3·5	144·0	56·5	64·3	4·7	WSW	W by N	W	SSW	125
14	·751	·790	·643	·730	·720	70·5	83·4	90·2	77·4	80·2	90·6	69·2	21·4	9·4	150·9	60·3	64·4	5·3	WNW	NNW	W	SSW	84
15	·704	·785	·669	·777	·713	74·2	82·2	90·4	76·7	81·0	90·9	73·0	17·9	8·5	144·5	53·6	68·1	4·9	SW	SW	W by N	SW by S	142
16	·774	·825	·675	·760	·751	71·2	82·0	87·8	77·9	80·6	90·1	69·7	20·4	9·6	144·9	54·8	63·8	6·2	SW by W	WSW	SW by S	SSW	83
17	·730	·777	·659	·752	·725	76·9	84·2	86·3	80·3	81·9	89·3	73·2	16·1	8·3	146·8	57·5	66·4	6·8	SSW	SSW	SSW	SSW	187
18	·764	·833	·724	·819	·765	74·3	84·3	92·2	77·9	82·9	92·7	73·2	19·5	9·3	145·3	52·6	69·4	3·8	SW	WSW	SSE	SSW	178
19	·826	·877	·752	·830	·811	74·5	83·4	86·2	79·4	82·0	89·1	73·1	16·0	8·6	145·5	56·4	67·9	5·2	SSW	SSW	SSW	SW	168
20	·791	·845	·700	·779	·767	77·6	84·6	91·5	79·3	83·2	93·5	74·7	18·8	9·0	146·3	52·8	69·9	4·9	SSW	SW	SW by S	S	202
21	·758	·815	·677	·778	·748	76·2	85·8	94·5	80·4	84·7	95·5	75·1	20·4	10·0	148·3	52·8	70·9	4·3	SSW	SW	WSW	S by W	123
22	·731	·795	·645	·708	·716	76·0	85·5	93·3	81·5	84·8	94·5	75·0	19·5	10·3	145·5	51·0	70·9	4·3	S	WSW	WSW	SSW	95
23	·707	·784	·639	·728	·699	74·8	88·4	96·2	80·4	85·4	96·7	73·5	23·2	10·3	149·6	52·9	68·4	5·2	Calm	NNW	W by S	S by W	98
24	·731	·800	·660	·730	·721	76·4	88·1	96·0	80·5	85·8	97·5	75·0	22·5	9·9	149·9	52·4	69·4	5·8	Calm	SSW	SW	SSW	56
25	·685	·742	·602	·682	·670	78·3	86·3	97·5	81·9	86·9	98·5	77·1	21·4	9·2	149·9	51·4	72·9	4·2	SW	SW	WSW	SSE	115
26	·688	·785	·654	·723	·693	77·4	89·7	98·4	81·0	86·7	99·3	76·2	23·1	9·2	151·5	52·2	71·9	4·3	Calm	N by W	WSW	S	63
27	·745	·799	·677	·752	·729	76·4	89·2	97·1	80·9	85·5	97·9	74·3	23·6	9·1	150·5	52·6	68·8	5·5	ESE	NNW	NW	S	51
28	·765	·845	·696	·752	·756	76·4	88·1	98·4	81·6	86·5	98·9	75·2	23·7	9·4	149·8	50·9	71·4	3·8	Calm	S	SW	S by W	51
29	·746	·837	·686	·783	·749	78·8	89·6	100·2	82·6	88·0	100·8	77·1	23·7	9·0	152·6	51·8	73·1	5·0	WSW	NNW	W	SSW	126
30	·778	·843	·717	·813	·780	74·4	89·8	97·5	81·3	86·0	98·4	72·8	25·6	9·0	149·9	51·5	65·4	7·4	SW	N by W	SSW	S by W	42
31	·801	·862	·716	·771	·776	78·9	87·3	98·3	81·4	87·0	98·4	77·5	20·9	8·6	151·3	52·9	73·0	4·5	W by S	WSW	SW	S by W	75
Mean	29·810	29·878	29·742	29·819	29·802	72·9	82·7	90·3	77·4	81·1	91·5	71·1	20·4	Total 246·3	146·3	54·8	66·0	5·4	...	...	...	...	102·5

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A. M.	10 A. M. to 4 P. M.	After 4 P. M.
1	67·4	72·6	69·4	72·8	70·2	60·3	·664	·735	·493	·749	·667	·492	96	78	39	80	76	86	*Nil*	0	3	1	10	Ck. *c. b.* ⌓ ≡	K. Fk. C. Cs. *c.*	Pk. Ck. Fk. *o. t.* <
2	64·6	65·6	68·6	66·4	68·6	63·4	·544	·521	·506	·582	·602	·519	75	62	45	75	68	75	0·03	10	10	7	0	Pc. Pk. Fk. *o. d.*	K. Pc. Pk. Ck. *c. o. d.*	*b.*
3	64·5	71·3	68·5	68·5	69·4	63·6	·605	·673	·447	·632	·634	·587	98	70	35	77	73	99	*Nil*	1	5	2	2	Cs. Ck. *c. b.* ⌓ ≡	C. Cs. *c.*	C. *c.*
4	70·3	70·3	68·4	69·3	70·8	68·4	·736	·598	·441	·634	·656	·689	97	56	34	72	70	97	"	0	2	8	4	Fk. *c. b.* ≡ ⌓	C. Cs. *c.*	C. Cs. *c.*
5	70·9	65·3	66·7	65·2	67·8	61·7	·744	·464	·442	·532	·561	·438	95	49	40	68	62	59	"	8	4	8	9	K. Fk. Pk. C. *c.*	Pc. C. Ck. *c.*	Ck. Pc. *c.*
6	63·8	66·9	66·3	68·3	66·9	63·2	·546	·518	·404	·620	·531	·535	81	55	34	74	60	82	"	8	4	2	0	Pk. Cs. Ck. *c.*	C. Cs. Ck. *c.*	*b.*
7	65·5	64·6	61·3	60·9	65·5	60·5	·623	·426	·223	·407	·496	·461	97	44	18	54	59	73	"	3	8	4	0	C. Cs. Ck. *c.* ⌓ ≡	C. Cs. *c.*	*b.*
8	63·9	70·6	71·4	68·3	68·6	58·3	·588	·613	·572	·636	·606	·422	97	59	46	79	70	72	"	1	7	4	0	C. Ck. *c.* ⌓	C. Ck. K. *c.*	*b.*
9	71·4	65·5	66·3	65·8	67·8	62·3	·743	·483	·407	·598	·586	·491	90	53	34	86	69	72	0·18	9	7	10	10	Pk. Ck. Fk. *c.*	Pk. Ck. Cs. *o. c.*	Pc. *o. p. t.* <
10	64·9	67·4	73·5	71·3	69·9	64·1	·597	·619	·705	·740	·685	·590	92	80	63	90	82	96	0·04	0	10	5	0	Pk. Fk. *o. b. d.*	Pc. Pk. K. *c.*	*b.*
11	71·0	74·3	72·5	74·2	72·3	68·6	·755	·781	·611	·831	·722	·697	98	78	49	94	78	99	*Nil*	0	0	7	3	Fk. *c. b.* ⌓ ≡	K. C. Cs. *c. b.*	Pk. *c. t.*
12	68·7	74·3	75·5	75·3	73·4	65·3	·676	·769	·739	·851	·766	·580	90	74	59	91	80	83	0·05	10	2	6	10	Pk. Fk. K. *o. c. d.*	K. Fk. *c.*	K. Pk. *o. g.*
13	68·3	71·7	71·3	75·1	71·6	67·2	·654	·675	·570	·855	·687	·644	86	67	46	94	72	91	0·02	10	9	8	0	Pc. Pk. Fk. C. Ck. *o. c. t. d.* <	C. Cs. Pk. Ck. *c.*	*b.*
14	69·5	67·2	67·3	74·4	70·0	66·5	·709	·451	·363	·812	·601	·616	95	40	25	86	62	86	*Nil*	0	2	0	0	*b.* ⌓	K. *c. b.*	*b.*
15	72·5	77·3	69·6	67·9	73·0	66·3	·777	·872	·445	·567	·708	·558	92	79	31	61	69	68	"	3	4	4	2	Ck. Fk. *c.*	Ck. C. Cs. *c.*	Pk. *c.*
16	69·3	73·3	75·3	75·9	72·6	67·1	·692	·704	·710	·869	·699	·631	90	64	54	91	68	87	"	0	0	0	0	*b.*	*b.*	*b.*
17	74·5	76·8	79·1	76·5	77·2	72·1	·823	·823	·898	·863	·875	·775	89	70	71	84	81	95	"	9	0	5	8	Pk. Fk. *c.*	K. Fk. *c. b.*	Pc. Fk. *c.*
18	73·0	70·5	70·1	76·0	72·4	69·8	·796	·562	·441	·873	·667	·684	94	48	29	91	61	84	"	0	0	0	0	*b.*	*b.*	*b.*
19	73·5	76·7	77·1	75·6	76·3	67·4	·814	·829	·809	·835	·833	·597	95	73	65	83	77	73	"	0	7	3	10	*b.* ⌓	K. Fk. Cs. *c.*	Pk. *o. t.* <
20	74·9	77·0	79·1	76·5	77·0	71·5	·830	·827	·827	·877	·846	·730	88	70	56	88	75	85	0·01	10	1	2	0	Pc. K. Fk. *o. c. d.*	Ck. K. Cs. *c.*	*b.*
21	74·9	78·6	77·6	78·2	78·3	74·4	·849	·882	·719	·938	·884	·844	94	71	44	90	76	97	*Nil.*	0	0	2	2	*b.* ⌓	K. *c. b.*	Pc. *c.*
22	75·7	75·8	77·6	78·2	77·8	74·7	·887	·762	·736	·922	·862	·857	99	62	48	86	74	99	"	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
23	73·6	69·5	73·3	75·6	74·8	68·4	·814	·468	·512	·822	·724	·628	94	35	29	79	63	76	"	0	0	0	0	*b.* ⌓	*b.*	*b.*
24	75·1	78·3	76·5	77·9	78·3	70·7	·855	·838	·650	·923	·867	·695	94	63	39	89	73	80	"	0	0	0	0	*b.* ⌓	*b.*	*b.*
25	76·9	78·7	76·2	79·5	79·2	75·2	·907	·880	·617	·978	·894	·850	93	70	34	89	72	91	"	10	0	0	0	Pk. Fk. *o. c.*	*b.*	*b.*
26	76·3	72·3	70·3	76·5	76·4	69·2	·894	·560	·365	·846	·776	·621	95	39	20	79	65	69	"	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
27	74·5	72·2	69·5	77·8	74·6	68·3	·831	·562	·352	·913	·716	·613	91	41	21	87	63	72	"	8	0	0	0	Pk. Fk. *c. b.* ⌓	*b.*	*b.*
28	76·1	76·3	72·1	77·5	77·5	68·4	·898	·749	·435	·890	·825	·605	99	56	23	83	68	69	"	0	0	0	8	*b.* ⌓ ≡	*b.*	Pk. Fk. *c.*
29	77·4	77·8	69·0	78·0	76·3	69·0	·922	·795	·291	·898	·757	·602	93	57	15	81	62	65	"	1	1	0	0	Pk. Ck. *c.*	Ck. *c. b.*	*b.*
30	73·1	74·1	69·6	78·3	75·4	67·5	·799	·632	·349	·930	·743	·604	94	45	20	87	64	75	"	2	0	0	0	Ck. *c.* ⌓ ≡	*b.*	*b.*
31	77·1	78·4	69·6	78·4	76·8	69·7	·908	·852	·339	·933	·788	·622	92	65	19	87	65	66	"	10	0	0	0	Ck. Fk. *o. b.*	*b.*	*b.*
Mean	71·4	72·6	71·6	73·6	73·1	67·2	·757	·675	·530	·786	·718	·622	93	60	38	82	70	81	Total 0·33	3·65	2·77	2·84	2·52	...	...	...

CALCUTTA (ALIPORE)—APRIL 1890.

Date.	Barometer reduced to 32.°					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	21 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference Sun, and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·789	29·850	29·706	29·789	29·768	77·4	88·4	97·7	81·1	87·2	98·4	76·7	21·7	9·5	150·7	52·3	70·0	7·0	WSW	SW	W	S	78
2	·791	·853	·730	·825	·784	77·5	87·6	96·7	81·1	86·7	98·4	76·9	21·5	9·3	150·3	51·9	71·9	5·2	SW	SW by W	SW	S by W	71
3	·813	·868	·736	·837	·799	76·5	86·0	93·3	80·3	85·5	94·8	75·3	19·5	7·6	147·3	52·5	69·3	6·3	Calm	SW	SSW	S by E	114
4	·834	·909	·767	·839	·823	76·2	85·9	92·6	80·9	85·0	95·2	75·0	20·2	7·6	147·1	51·9	69·3	5·7	Calm	SW	SW	SSW	93
5	·838	·911	·734	·819	·819	76·7	84·6	91·3	82·6	85·4	93·6	76·0	17·6	7·0	145·7	52·1	70·7	5·3	Calm	S	SSW	S	113
6	·872	·913	·800	·911	·862	78·0	86·8	88·2	80·4	85·1	91·3	76·7	14·6	8·4	146·7	55·4	71·9	4·8	Calm	SSW	SSW	SSE	175
7	·906	·957	·831	·927	·899	76·1	86·3	91·3	79·4	84·5	92·5	75·2	17·3	7·7	149·7	57·2	71·0	4·3	SSE	S	S	S	118
8	·901	·948	·792	·858	·869	75·4	86·3	90·2	80·0	83·3	91·5	74·3	17·2	8·2	145·5	54·0	69·1	5·2	Calm	SW	SSW	S by E	114
9	·810	·860	·729	·818	·798	78·5	86·6	88·6	82·4	85·7	90·7	77·8	12·9	9·2	146·5	55·8	74·2	3·7	SW by S	SSW	SSW	S	203
10	·778	·837	·688	·777	·766	79·5	88·9	92·6	82·4	87·0	94·8	78·7	16·1	8·3	149·7	54·9	75·5	3·5	SW by S	SSW	SSW	SSW	256
11	·728	·794	·662	·747	·726	78·8	88·5	91·3	83·0	86·6	93·9	78·0	15·9	7·7	148·6	54·7	73·7	4·3	SSW	SSW	SSW	SSW	217
12	·744	·806	·722	·784	·751	79·2	89·1	90·2	81·4	86·2	92·6	78·3	14·3	7·4	148·0	55·4	73·9	4·4	SSW	SSW	SSW	SSW	262
13	·770	·811	·669	·714	·736	78·2	87·4	89·4	82·1	85·8	93·9	77·3	16·6	6·0	151·1	57·2	73·1	4·2	SSW	SW by S	SSW	SSW	253
14	·680	·736	·621	·707	·678	79·2	89·8	95·5	81·9	87·6	101·5	78·4	23·1	6·9	155·8	54·3	75·3	3·1	SW by S	SW	SSW	S	247
15	·699	·764	·640	·719	·699	79·4	87·7	93·3	81·4	85·8	94·9	77·6	17·3	5·9	147·7	52·8	72·7	4·9	S by W	SSW	SSW	SSW	141
16	·753	·783	·660	·707	·710	79·4	87·9	91·4	82·0	85·5	94·1	77·4	16·7	9·0	148·2	54·1	73·8	3·6	SE by E	SSW	SSW	SSW	199
17	·690	·741	·626	·672	·673	78·4	88·3	92·3	81·8	86·5	94·3	77·7	16·6	9·4	150·5	56·2	73·3	4·4	S	SSW	SSW	SSW	202
18	·686	·780	·678	·823	·716	78·8	78·4	88·3	77·4	83·0	91·7	74·2	17·5	2·4	145·3	53·6	77·3	0·9	ESE	SE	SSE	ENE	199
19	·785	·838	·717	·833	·793	78·5	87·7	91·3	81·5	85·2	93·8	74·3	19·5	9·1	151·6	57·8	70·3	4·0	SE by S	SSW	S	S	163
20	·796	·836	·669	·786	·778	80·3	89·3	90·3	78·0	86·3	94·7	79·3	15·4	8·6	154·5	59·8	75·1	4·2	SW by S	SW	SSW	SE by E	167
21	·712	·728	·584	·687	·691	79·4	89·3	89·6	77·5	84·1	93·4	76·3	17·1	8·3	151·3	57·9	74·8	1·5	SE by S	SSW	SSE	S	202
22	·645	·683	·557	·658	·633	79·1	88·3	90·2	83·1	85·4	91·6	73·0	18·6	8·6	148·4	56·8	71·1	1·9	S by W	SW	S	SE	205
23	·632	·667	·518	·606	·600	81·4	89·3	96·2	82·5	88·1	97·5	80·4	17·1	8·7	150·0	52·5	77·2	3·2	SW by S	SSW	SSW	S by W	183
24	·558	·617	·484	·585	·553	80·8	91·3	104·7	83·2	90·0	105·6	80·2	25·4	8·8	154·6	49·0	77·5	2·8	SW by S	SSW	WNW	S	179
25	·561	·642	·525	·612	·579	81·5	88·6	97·4	84·5	88·6	98·4	79·4	19·0	6·6	149·7	51·3	75·5	3·9	S by E	ESE	NE	SE by S	64
26	·689	·746	·629	·789	·703	78·5	86·9	86·8	83·4	85·0	94·0	77·2	16·8	5·5	149·8	55·8	74·1	3·1	E	ESE	WNW	NW by N	64
27	·792	·844	·748	·766	·777	73·5	86·6	82·3	77·5	80·6	89·3	71·6	17·7	8·4	148·2	58·9	65·2	6·4	WNW	WNW	W by N	Calm	127
28	·739	·779	·624	·676	·701	69·4	87·1	95·5	81·4	82·9	97·3	67·2	30·1	10·5	151·6	54·3	61·0	6·2	Calm	SW by W	WNW	S W by S	65
29	·689	·729	·604	·692	·672	79·0	90·7	93·7	81·9	87·5	100·8	78·2	22·6	8·9	153·5	52·7	72·9	5·3	SW by S	SW	SSW	S by W	163
30	·704	·750	·617	·699	·684	77·4	91·5	97·9	83·4	88·3	98·7	76·7	22·0	10·2	152·5	53·8	71·5	5·2	SSE	WNW	S by W	S	84
Mean	29·746	29·799	29·669	29·755	29·735	78·1	87·7	92·3	81·3	85·8	95·1	76·5	18·6	Total 239·7	149·7	54·6	72·4	4·3	...	...	...	...	157·4

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P. M.
1	76·0	78·2	70·2	78·0	76·4	69·7	·880	·828	·370	·919	·768	·634	93	62	21	87	63	69	Nil	0	0	0	0	*b.*	*b.*	*b.*
2	76·3	78·3	72·4	78·0	77·8	68·0	·892	·844	·470	·919	·832	·567	94	64	26	87	68	61	,,	0	0	0	1	Fk. *c. b.* ⌓	*b.*	Ck. Cs. *c.*
3	75·3	78·2	79·5	76·6	78·7	72·8	·862	·861	·823	·867	·891	·775	94	69	52	84	74	88	,,	4	0	2	0	C. Cs. *c.b.* ⌓	C. Cs. *c. b.*	*b.*
4	75·0	77·4	77·1	76·3	78·0	74·4	·853	·826	·722	·846	·866	·845	94	66	47	80	73	97	,,	2	0	3	10	C. Cs. Fk. *c.* ⌓	C. Cs. *c. b.*	Pc. *o.* Ʊ
5	75·4	78·4	79·0	76·9	78·8	75·2	·864	·889	·826	·849	·897	·865	94	75	56	76	75	96	,,	3	7	0	10	Fk. *c.*	Fk. *c. b.*	Pc. Ck. *o. t. d.* <
6	75·6	77·3	75·9	75·0	77·3	75·2	·854	·810	·729	·796	·833	·855	89	63	55	76	70	93	,,	4	6	0	10	Pc. Fk. *c. b.*	K. Fk. *c. b.*	Pc. *o.*
7	73·5	76·8	76·8	74·5	76·8	73·2	·793	·795	·727	·788	·820	·792	88	63	49	78	70	90	,,	2	4	2	0	C. Cs. K. Fk. *c.*	K. Fk. *c.*	*b.*
8	73·4	75·6	75·3	75·6	75·0	73·0	·797	·742	·677	·827	·758	·796	90	59	47	80	66	94	,,	0	6	2	0	K. Fk. *c. b.* ⌓	K. Fk. Cs. *c.*	*b.*
9	75·3	78·0	78·4	77·3	78·6	75·2	·835	·844	·835	·870	·884	·841	85	67	62	79	73	88	,,	0	6	0	3	Fk. *c. b.*	K. Fk. *c. b.*	Pk. Fk. *c.* <
10	75·8	78·6	78·8	78·3	79·3	75·7	·843	·840	·800	·915	·894	·849	84	62	52	83	71	87	,,	0	0	0	10	*b.*	*b.*	Pk. Fk. *o.*
11	76·3	79·8	79·4	77·9	79·4	76·2	·874	·900	·844	·889	·911	·881	89	67	57	79	73	92	,,	0	0	0	10	Fk. *c. b.*	*b.*	Pk. Fk. *o.*
12	75·7	79·6	79·7	77·5	79·5	75·6	·843	·884	·874	·892	·918	·850	85	65	62	83	74	88	,,	2	2	1	2	C. Cs. *c. b.*	C. *c.*	C. *c.*
13	75·3	78·5	78·8	77·6	79·1	75·1	·839	·857	·843	·887	·908	·843	87	66	61	81	74	90	,,	0	0	4	0	*b.*	C. Cs. *c. b.*	*b.*
14	76·9	80·0	79·6	77·2	78·7	73·2	·895	·893	·795	·872	·863	·749	90	64	47	80	68	77	,,	0	0	8	0	*b.*	C. *c. b.*	*b.*
15	77·0	80·0	79·5	78·2	78·7	76·1	·896	·921	·823	·923	·887	·882	89	70	52	86	72	93	,,	4	7	6	0	C. Cs. *c.*	C. Cs. *c.*	*b.*
16	77·3	76·0	80·0	77·8	77·8	76·5	·910	·738	·871	·897	·850	·903	91	56	59	82	69	96	,,	10	1	0	0	Fk. *o. c.*	K. *c. b.*	*b.*
17	76·2	77·7	80·1	77·6	78·9	76·0	·875	·808	·863	·891	·885	·876	90	61	57	82	71	92	,,	0	1	2	0	Fk. *c. b.*	K. C. Cs. *c.*	*b.*
18	74·4	73·5	78·1	67·4	76·2	70·2	·793	·762	·825	·538	·821	·686	80	78	62	57	73	81	,,	9	10	4	3	Pk. Ck. P. Pc *c. o.*	P. Pc. K. Fk. *c. o.*	Pc. *c. t.* <
19	71·9	77·6	77·5	77·6	76·4	66·9	·695	·812	·758	·895	·799	·563	72	62	51	83	66	66	,,	2	8	4	0	Ck. K. Fk. *c.*	K. Fk. *c.*	P. *b. o. t. d.* <
20	77·2	79·0	79·8	73·2	78·6	76·4	·894	·853	·876	·755	·879	·871	87	62	62	79	71	87	,,	2	4	6	0	Ck. *c.*	K. Ck. *c. c.*	Pk. *b. o. t.* <
21	77·0	78·9	80·9	72·3	78·2	71·2	·896	·848	·938	·724	·891	·697	89	60	67	76	77	77	0·96	6	4	7	0	K. Fk. *c.*	K. Fk. Pk. *c. t.* <	P. *b. p. t.* < ▲
22	77·2	80·5	82·2	79·3	80·7	69·7	·909	·937	·993	·951	·990	·684	91	70	70	84	81	84	*Nil*	0	4	4	4	K. Pk. Fk. *c. b.*	K. Fk. *c.*	Pc. *c. t. d.* <
23	79·0	81·3	81·1	79·3	81·8	78·6	·960	·962	·859	·959	1·004	·956	89	69	50	86	76	92	,,	7	0	0	0	Fk. *c. b.*	*b.*	*b.*
24	79·2	82·3	72·5	80·0	80·6	70·2	·978	·983	·366	·982	·923	·605	93	67	17	86	69	58	,,	0	0	0	0	*b.*	*b.*	*b.*
25	79·7	82·1	81·2	80·3	81·6	76·6	·990	1·010	·846	·979	·987	·880	92	75	48	82	74	88	,,	10	3	2	0	Pc. Fk. K. *o. c.*	K. Fk. *c.*	*b.*
26	74·4	79·3	77·1	69·0	77·6	73·9	·798	·900	·801	·516	·850	·794	82	70	63	45	71	85	0·03	0	2	10	0	Pc. Ck. *c. b. d.*	K. Pk. Pc. *c. o. t.* <	*b.*
27	68·3	69·3	67·3	67·3	70·3	66·9	·624	·485	·469	·533	·606	·598	75	38	42	56	60	77	0·01	1	1	10	0	Ck. *c. b.*	Ck. Pk. Fk. Pc. *c. o.*	Pk. *b. d.*
28	65·7	72·3	68·4	76·4	71·4	65·3	·584	·595	·332	·843	·619	·600	81	46	20	78	59	90	*Nil*	0	0	5	0	*b.* ⌓	K. Fk. *c. b.*	*b.*
29	74·2	75·6	78·7	76·4	77·9	68·2	·782	·683	·779	·837	·829	·557	79	48	49	77	66	58	,,	1	0	4	0	C. Ck. *c.*	Pk. Pc. *c. b.*	*b.*
30	76·1	80·3	79·2	78·3	79·9	75·5	·885	·884	·745	·902	·910	·868	94	60	42	79	70	94	,,	0	0	1	0	*b.*	K. *c. b.*	*b.*
Mean	75·4	78·0	77·5	76·2	78·0	73·0	·846	·833	·749	·842	·859	·772	88	63	50	78	71	84	Total 1·00	2·30	2·53	2·90	2·10	...	...	...

CALCUTTA (ALIPORE)—MAY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	21 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·698	29·733	29·606	29·682	29·669	79·5	90·5	94·3	84·0	88·2	97·3	78·1	19·2	9·6	150·5	53·2	74·3	3·8	E	SSW	SSW	S by E	99
2	·663	·686	·538	·596	·619	80·8	89·6	95·2	82·9	88·5	96·5	80·1	16·4	9·5	152·5	56·0	77·8	2·3	SSE	SSW	S by E	S by W	132
3	·604	·649	·545	·642	·599	81·4	90·3	92·4	84·4	88·5	95·8	80·5	15·3	9·8	149·1	53·3	76·8	3·7	S	SW	SSW	S	175
4	·648	·709	·590	·696	·656	82·0	90·4	92·8	84·3	89·0	95·8	80·6	15·2	9·4	148·7	52·9	76·8	3·8	SW	SSW	SSW	S	205
5	·705	·720	·593	·682	·679	80·4	93·3	95·6	84·3	89·5	98·7	79·6	19·1	10·0	151·5	52·8	75·7	3·9	SSW	SW	SSE	S by E	142
6	·622	·657	·510	·577	·602	80·3	92·3	98·4	83·4	90·1	102·2	79·5	22·7	10·4	153·7	51·5	75·9	3·6	SSW	SSW	SSE	SSW	138
7	·548	·556	·419	·498	·511	80·6	92·4	99·7	83·9	90·3	103·8	80·0	23·8	8·5	154·5	50·7	75·1	4·9	S	SW	SW	S	112
8	·496	·543	·441	·514	·487	81·4	93·3	104·4	84·7	91·8	105·4	80·4	25·0	9·0	157·8	52·4	75·8	4·6	SSW	SW by W	WNW	SSW	126
9	·560	·600	·505	·568	·543	81·4	92·3	94·5	85·4	89·8	97·8	80·6	17·2	9·2	151·6	53·8	75·9	4·7	S	SSW	SSW	SSW	181
10	·595	·639	·546	·656	·589	82·5	93·3	101·3	84·3	91·0	102·4	82·1	20·3	7·0	154·2	51·8	79·0	3·1	SW	SW by S	SW by S	SSW	243
11	·659	·696	·571	·670	·644	81·2	91·4	93·7	84·3	89·7	97·4	80·5	16·9	9·3	152·0	54·6	75·9	4·6	SSW	SSW	SSW	S	187
12	·689	·727	·637	·734	·682	81·5	91·5	93·5	85·1	89·5	96·3	80·6	15·7	10·1	152·1	55·8	77·3	3·3	SSE	SSW	SSW	SE by S	228
13	·706	·828	·777	·874	·783	81·3	90·6	83·3	75·4	85·1	91·8	80·0	11·8	4·0	150·9	59·1	76·4	3·6	SSE	ESE	ENE	S by E	220
14	·827	·890	·726	·875	·809	77·0	81·1	89·8	72·4	82·3	90·8	73·7	17·1	5·8	149·8	59·0	73·0	0·7	N	ESE	S	W by S	141
15	·790	·819	·685	·772	·746	71·6	83·6	89·3	71·6	80·8	90·5	69·3	21·2	9·6	149·5	59·0	66·8	2·5	ENE	E	SW by S	SSE	122
16	·723	·789	·672	·734	·714	71·4	74·4	80·4	77·9	78·4	87·5	67·2	20·3	4·4	146·1	58·6	66·9	0·3	SE by E	SE by S	SSE	E by S	104
17	·703	·758	·649	·716	·697	75·0	85·9	90·3	81·3	83·8	92·2	74·1	18·1	10·2	152·5	60·3	71·2	2·9	E	E	SSE	E by S	76
18	·703	·748	·618	·654	·693	79·5	87·1	91·5	78·4	84·6	93·5	78·3	15·2	9·7	150·8	57·3	76·1	2·2	SE by S	SSW	SSW	SW by S	136
19	·698	·766	·651	·689	·687	76·3	86·9	94·8	82·9	85·8	95·7	73·8	21·9	11·0	147·5	51·8	70·0	3·8	N	E by N	W by S	SW	143
20	·701	·741	·598	·734	·684	80·4	90·1	96·1	77·0	86·3	96·5	79·1	17·4	10·0	148·9	52·4	74·9	4·2	SSW	SSW	SSE	SSE	113
21	·693	·728	·600	·780	·685	75·7	86·3	94·2	72·2	85·2	95·1	74·3	20·8	9·6	148·8	53·7	71·9	2·4	SW	E by S	SSE	NNW	122
22	·672	·721	·623	·687	·674	76·4	86·1	93·1	82·4	84·8	94·1	70·8	23·3	10·3	149·1	55·0	70·7	0·1	NW by W	E	S	S by W	174
23	·691	·726	·604	·684	·670	79·5	89·1	92·3	83·2	87·3	95·2	78·7	16·5	10·0	149·5	54·3	75·9	2·8	SE by S	SSE	SSW	SSW	106
24	·643	·703	·534	·700	·628	80·9	89·3	92·3	73·2	86·9	94·0	79·5	14·5	10·2	149·4	55·4	76·9	2·6	S by E	SSW	SSW	W by N	161
25	·587	·628	·534	·622	·594	79·6	87·0	84·2	73·4	83·6	93·3	72·2	21·1	5·5	153·7	60·4	72·1	0·1	SSE	SE	ESE	S	172
26	·604	·658	·537	·629	·591	76·6	84·5	90·4	83·8	84·1	92·3	71·7	20·6	5·1	144·5	52·2	71·5	0·2	ENE	E by N	S	SE by E	164
27	·604	·659	·535	·581	·585	78·0	87·4	79·5	75·0	83·7	92·7	76·2	16·5	4·7	148·5	55·8	73·7	2·5	SE by E	SE	SW by S	S	116
28	·575	·630	·507	·539	·564	75·5	84·3	89·9	84·1	83·9	91·5	73·6	17·9	1·3	147·5	56·0	73·0	0·6	E by N	E by S	SSW	SSE	90
29	·567	·604	·513	·615	·567	80·4	85·4	88·3	76·4	84·4	91·6	79·7	11·9	0·9	146·1	54·5	77·9	1·8	ENE	E by N	SSW	SW by W	67
30	·613	·650	·545	·602	·585	76·4	86·4	91·3	83·8	85·1	93·5	75·4	18·1	3·3	152·5	59·0	73·1	2·3	SW	SW by W	S	S by W	120
31	·543	·600	·483	·561	·544	82·2	89·3	91·5	84·3	87·9	93·6	81·4	12·2	2·4	145·5	51·9	78·1	3·3	S by E	S	SSW	SE by S	164
Mean	29·649	29·696	29·577	29·663	29·638	78·9	88·2	92·2	80·6	86·4	95·3	77·1	18·2	Total 239·8	150·3	55·0	74·4	2·7	...	...	...	...	144·5

CALCUTTA (ALIPORE)—MAY 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	77·9	80·3	80·1	79·3	81·2	77·2	·936	·897	·836	·939	·975	·923	93	63	52	80	74	96	*Nil*	1	0	6	10	Ck. Fk. *c.*	K. Pk. *c. t. b.*	Pc. *o.* Ⓣ
2	78·4	80·1	81·6	79·3	81·6	76·9	·941	·900	·896	·954	·986	·883	89	65	54	85	74	86	0·03	5	3	2	2	Fk. *c.*	C. Cs. *c.*	Pc. *c. d. t.* <
3	78·9	80·7	79·5	79·3	81·6	78·3	·956	·920	·834	·934	·987	·941	89	65	55	79	74	90	*Nil*	5	0	0	9	Fk. *c. b.*	*b.*	Fk. *c.*
4	77·9	81·3	81·8	79·5	81·5	77·6	·902	·947	·938	·945	·978	·908	83	66	61	80	72	87	"	0	1	0	7	Fk. *c. b.*	Fk. *c. b.*	Fk. *c.*
5	78·3	80·3	81·6	79·3	81·4	78·1	·942	·859	·890	·935	·967	·943	91	55	53	79	71	93	"	1	0	1	6	C. *c. b.*	K. *c. b.*	Fk. *c.*
6	78·1	80·3	82·2	79·6	81·4	77·6	·934	·873	·881	·961	·958	·922	90	57	48	84	69	91	"	0	0	2	0	*b.*	K. *c. b.*	*b.*
7	78·6	80·6	82·3	79·5	81·3	76·2	·953	·886	·869	·950	·946	·854	91	58	45	81	69	83	"	2	2	4	4	C. *c.*	C. Cs. K. *c.*	C. *c.*
8	79·5	80·3	68·3	79·4	79·1	69·2	·982	·859	·204	·934	·832	·565	91	55	9	78	61	54	"	6	0	0	0	C. Pc. Fk. *c. b.*	*b.* H↗	*b.*
9	79·3	81·3	81·5	79·8	82·2	68·7	·975	·921	·901	·943	·998	·543	91	61	56	78	72	52	"	0	0	0	2	*b.*	*b.*	Fk. *c.*
10	78·4	76·5	73·5	80·4	80·0	72·2	·918	·687	·452	·986	·879	·657	83	44	23	83	63	60	"	0	0	0	0	*b.*	*b.* H↗	*b.*
11	78·7	80·9	80·7	79·4	81·6	75·7	·949	·914	·873	·939	·970	·825	89	62	55	79	71	79	"	0	0	0	2	K. Fk. *c. b.*	*b.*	C. *c.*
12	78·6	77·9	80·3	79·4	80·8	78·2	·940	·774	·856	·928	·934	·934	87	52	54	77	68	89	"	0	2	1	2	K. Fk. *c. b.*	Fk. *c.*	Pk. Fk. *c.* <
13	78·3	79·3	75·4	73·4	78·5	75·0	·930	·849	·775	·797	·887	·802	87	59	67	90	74	78	0·49	2	9	6	10	Ck. K. *c. d.*	K. Pk. Pc. Ck. Fk. *c.*	P. *o. g. p.* *d. t.* <
14	73·9	75·4	74·2	71·1	75·1	72·2	·797	·805	·637	·746	·777	·771	86	75	45	94	71	93	0·20	10	7	3	10	Pk. Pc. *o. p.*	Ck. *c.*	Pc. *o. d. p.* *t.* <
15	70·3	74·4	76·2	68·5	74·4	67·5	·725	·728	·728	·657	·773	·651	94	63	53	85	74	91	1·47	10	3	4	10	Ck. Pc. Pk. *o. c. d.*	K. Fk. *c.*	P. Pc. Fk. *p. o. g. t.* <
16	69·9	71·3	71·8	75·4	73·6	66·6	·713	·727	·666	·848	·766	·646	93	86	64	89	79	97	0·18	5	10	8	5	Pc. Pk. Fk. *o. d.*	P. Pk. K. Fk. *c. o. d. t. p.*	C. Fk. *c. lr.*
17	73·8	77·6	79·6	77·3	77·7	71·2	·819	·836	·867	·884	·867	·726	94	67	61	83	76	86	*Nil*	0	3	5	0	*b.*	K. Fk. *c.*	*b.*
18	78·4	79·3	80·3	70·3	78·2	76·3	·959	·897	·884	·634	·884	·881	95	69	60	65	75	91	0·02	0	6	4	10	Fk. *c. b.*	K. Fk. *c.*	Pc. *o. g.* *d. t.* <
19	72·4	76·5	77·3	78·5	77·3	68·9	·744	·773	·701	·918	·827	·642	82	60	43	81	68	77	*Nil*	8	1	0	0	C. Ck. *c.*	C. *c. b.*	*b.*
20	78·7	81·2	79·2	74·2	79·8	77·2	·960	·945	·770	·809	·932	·909	92	66	45	87	76	91	0·18	1	0	1	10	C. Fk. *c.*	K. Fk. *c. b.*	Pc. Pk. *p.* *o. t.* <
21	74·5	80·3	79·3	70·9	79·1	73·2	·839	·954	·800	·740	·918	·805	94	76	49	94	77	95	1·02	4	6	4	10	C. K. Fk. *c. d.*	K. Fk. *c.*	Pc. *o. g. p.* <
22	72·1	77·3	79·1	80·0	78·3	69·2	·731	·819	·806	·993	·886	·694	80	65	52	89	74	92	0·47	8	2	4	0	Ck. C. Cs. *c. p.*	Ck. K. *c.*	*b.*
23	78·9	82·3	81·1	80·3	81·5	78·4	·982	1·013	·911	·996	1·000	·969	98	74	60	87	78	99	*Nil*	5	3	0	0	C. Ck. K. Fk. *c.* ⌓	K. Fk. *c. b.*	*b.*
24	79·5	82·2	79·5	71·5	80·6	78·4	·990	1·005	·836	·750	·963	·959	94	73	55	92	76	95	0·18	0	5	0	10	K. Fk. *c. b.* ⌓	K. Fk. *c. b.*	P. *o. g.* *p. t.* <
25	76·1	81·5	77·5	71·8	78·7	71·0	·855	1·003	·855	·760	·922	·744	85	78	74	92	80	94	0·86	9	1	10	10	Pk. Ck. K. *c. p.*	K. Pc. Pk. *c. o.*	P. *o. d. p.*
26	74·4	79·3	82·3	80·8	79·2	70·2	·823	·932	·996	1·012	·939	·720	90	78	70	87	80	93	0·03	10	6	8	4	Pc. *o. d.*	K. Pk. Pc. *c.*	C. *c.*
27	76·3	81·3	76·6	72·4	78·7	74·2	·885	·988	·879	·763	·919	·820	92	76	87	88	80	91	0·19	7	9	10	10	C. Fk. Ck. *c.*	K. Pc. Pk. Fk. *c. o. g. t. p.*	P. Pc. *o. g.* *t. d. p.*
28	73·9	77·6	78·8	81·3	78·8	72·2	·817	·858	·836	1·033	·920	·772	93	73	60	88	79	93	0·01	5	7	8	3	C. Ck. Pc. *o. c. d.*	C. K. Pc. *c. d.*	C. *c.*
29	79·4	81·2	78·3	73·3	80·1	79·2	·992	1·009	·835	·780	·973	·993	96	82	62	86	82	98	0·01	10	10	10	10	Pc. Fk. *o.* ⌓	Pc. Pk. Fk. *o. t.*	Pc. Pk. *o. d.*
30	74·4	80·3	83·6	81·3	80·3	73·2	·826	·953	1·049	1·037	·974	·790	91	76	71	89	81	89	*Nil*	10	7	4	0	Pc. Pk. Ck. *o. c.*	Ck. K. Fk. *c.*	*b.*
31	81·1	80·8	77·8	81·3	82·3	78·5	1·049	·937	·769	1·030	1·031	·937	95	68	52	87	79	87	"	10	7	8	8	Pc. Ck. K. Fk. *o. c.*	K. Fk. Pc. *c.*	Pc. *c.*
Mean	76·7	79·3	78·8	77·0	79·5	74·1	·896	·886	·807	·888	·922	·811	90	67	55	84	74	87	Total 5·34	4·32	3·55	3·65	5·29	...	...	...

CALCUTTA (ALIPORE)—JUNE 1890.

Days.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·580	29·620	29·508	29·682	29·597	82·4	90·6	92·8	78·4	88·3	95·7	81·9	13·8	5·5	149·3	53·6	78·8	3·1	S	SSE	S by E	WNW	175
2	·653	·697	·606	·677	·649	80·7	89·3	93·3	83·9	87·4	95·5	76·7	18·8	6·6	153·4	57·9	75·4	1·3	S	SSW	SSE	S by E	152
3	·689	·704	·590	·655	·658	81·5	89·6	92·5	83·4	88·1	94·4	80·4	14·0	7·7	148·0	53·6	77·5	3·1	S by E	SSW	SSW	S by E	161
4	·632	·639	·533	·555	·591	81·4	90·1	85·3	79·2	84·8	91·0	79·0	12·0	0·9	144·6	53·6	77·9	2·8	S	SW	SE by S	SSW	185
5	·521	·555	·428	·540	·513	83·4	90·3	91·1	86·4	87·3	93·0	77·6	15·4	6·2	144·7	51·7	74·3	3·3	SSW	SSW	SSW	SE	254
6	·512	·554	·506	·522	·525	73·4	83·6	85·5	80·4	81·9	87·5	71·4	16·1	0	134·5	47·0	70·9	0·5	SSE	SSW	SW by S	S	113
7	·559	·582	·507	·572	·541	79·9	87·3	90·1	83·4	86·1	90·9	79·1	11·8	4·0	142·5	51·6	76·9	2·2	S by E	SSW	SW by S	SSE	144
8	·556	·574	·476	·555	·538	80·4	87·3	87·5	83·4	86·4	92·4	80·0	12·4	3·8	147·5	55·1	77·8	2·2	SE by S	SW by S	S	SSE	137
9	·549	·579	·518	·591	·553	81·5	89·4	88·3	78·0	85·0	91·3	80·7	10·6	1·5	143·7	52·4	78·8	1·9	SSE	S by E	SW	ESE	138
10	·587	·639	·561	·632	·597	79·5	85·9	80·6	81·8	83·1	89·5	76·6	12·9	1·0	139·4	49·9	74·4	2·2	ESE	S	SSW	S by W	100
11	·616	·674	·589	·658	·633	80·4	88·0	84·3	81·6	84·7	91·0	79·6	11·4	3·7	150·4	59·4	77·7	1·9	S	SSW	S	S by E	134
12	·654	·690	·585	·674	·641	80·8	88·8	89·3	82·8	86·6	92·7	79·9	12·8	6·0	154·3	61·6	77·9	2·0	SSW	SSW	SSW	S	171
13	·622	·633	·569	·661	·606	82·1	89·2	79·4	77·4	85·1	93·8	78·5	15·3	6·3	155·3	61·5	78·9	2·3	SSW	SW	NE by E	SSW	194
14	·598	·625	·514	·563	·571	78·1	85·0	87·7	80·6	83·6	88·8	76·4	12·4	1·5	134·5	45·7	75·3	1·1	SSE	SSW	E by S	SSE	53
15	·560	·589	·481	·586	·555	77·3	85·3	83·1	81·4	83·7	91·6	76·2	15·4	4·6	152·6	61·0	75·9	0·3	SSW	SE	SW	SE by E	81
16	·551	·571	·472	·554	·537	79·6	87·1	87·4	81·5	85·1	89·5	78·8	10·7	5·7	155·6	66·1	77·1	1·7	E by N	E	ESE	S by E	91
17	·546	·587	·497	·581	·544	80·2	84·3	86·5	80·4	83·9	87·7	78·7	9·0	2·6	148·3	60·6	76·9	2·2	SSE	SW	S	ESE	92
18	·514	·533	·454	·493	·495	79·6	86·3	83·4	81·5	84·3	90·3	78·7	11·6	3·4	149·8	59·5	76·9	1·8	E by S	ESE	ESE	ESE	124
19	·444	·468	·402	·475	·444	79·4	86·3	85·6	81·5	84·2	88·5	78·2	10·3	3·3	150·5	62·0	76·8	1·4	E	ESE	SSE	ESE	200
20	·444	·498	·471	·569	·478	78·4	81·4	84·3	79·5	82·3	86·1	77·4	8·7	0·9	134·5	48·4	77·3	0·1	SE by E	SE	SE	SE by S	144
21	·523	·552	·494	·559	·524	79·4	84·4	80·6	80·2	82·5	87·2	78·5	8·7	1·1	149·9	62·7	77·4	1·1	ESE	S	WSW	SW	56
22	·518	·548	·423	·465	·490	77·6	77·6	78·4	78·4	79·5	80·5	76·2	4·3	0	86·7	6·2	76·7	—0·2	WSW	WSW	SW	SW	227
23	·401	·433	·378	·468	·410	77·5	80·1	78·4	78·0	80·5	83·4	76·1	7·3	0	117·2	33·8	75·9	0·2	SW by S	SW	SSW	SSW	286
24	·492	·554	·531	·644	·532	79·7	81·4	84·3	82·2	82·8	86·7	76·3	10·4	0·5	144·6	57·9	75·3	1·4	SW by S	SSW	SSW	S by W	390
25	·641	·695	·629	·677	·655	78·4	81·6	84·5	76·9	82·0	85·7	78·0	7·7	0	121·5	35·8	77·6	0·4	Calm	S by W	S	SSE	165
26	·645	·666	·550	·592	·611	79·5	86·4	88·3	82·4	85·0	90·5	75·3	15·2	7·7	151·8	61·3	74·9	0·4	SW by S	SSW	SSW	SSW	109
27	·555	·582	·487	·558	·538	80·4	87·1	86·3	83·0	85·6	90·2	79·7	10·5	2·3	147·7	57·5	77·6	2·1	SW by S	SW by S	SW by W	S	104
28	·543	·573	·474	·531	·534	80·3	87·3	85·8	80·4	85·1	89·8	79·2	10·6	6·6	156·3	66·5	77·0	2·2	Calm	E	ESE	Calm	52
29	·506	·523	·415	·499	·481	78·1	84·3	82·4	80·5	83·6	89·3	76·8	12·5	5·3	154·5	65·2	74·9	1·9	Calm	ESE	SSE	Calm	52
30	·460	·488	·384	·483	·448	79·4	84·3	86·1	81·1	83·4	87·9	78·2	9·7	3·0	146·4	58·5	75·7	2·5	ENE	ENE	ENE	Calm	66
Mean	29·556	29·588	29·501	29·576	29·550	79·7	86·0	85·8	81·0	84·4	89·7	78·0	11·7	Total 101·7	143·7	53·9	76·5	1·6	...	...	...	...	145·0

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	*From Min.*		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	80·5	82·3	81·6	75·3	82·1	78·6	1·016	·993	·928	·837	1·017	·935	91	69	61	86	77	86	0·05	0	3	8	10	K. Fk. *c. b.*	K. Ck. Pc. Pk. *c.*	P. *o. g. d. t.* ↯
2	79·8	82·1	80·0	80·3	81·5	74·4	1·006	1·001	·845	·987	·999	·822	96	72	54	85	78	89	*Nil*	7	8	3	6	K. Pk. Ck. *c. d.*	K. Cs. *c.*	Pc. *c.*
3	79·5	81·5	81·1	79·3	81·7	79·2	·982	·968	·908	·947	·996	·983	91	70	59	83	76	95	"	8	6	2	4	C. K. Fk. *c.*	K. Fk. *c.*	C. *c.*
4	78·3	80·6	80·2	73·8	79·9	76·2	·929	·917	·964	·762	·958	·867	87	65	79	76	80	88	0·22	6	7	10	10	C. Pc. K. Fk. *c.*	K. Fk. Pc. *c. o d. t. p.*	*. o.* ↯
5	80·3	82·9	82·4	82·3	81·8	72·7	·994	1·026	·990	1·050	1·016	·739	87	72	68	84	79	78	*Nil*	5	5	2	10	Ck. Pk. *c.*	K. Fk. *c.*	Pc. Pk. *o* ↯
6	70·6	77·0	78·7	78·3	77·3	70·5	·712	·840	·890	·942	·879	·735	87	73	73	91	80	96	2·35	10	10	9	3	P. Pc. *o. g. p.*	Pc. Pk. *o. t.*	Pc. *c.*
7	78·9	80·5	80·1	80·5	81·2	77·3	·976	·950	·894	1·003	·996	·914	96	73	63	87	81	92	*Nil*	6	5	3	2	C. Pc. *c.*	C. Cs. *c.*	C. *c.*
8	79·2	82·0	79·5	80·7	82·0	78·9	·983	1·023	·901	1·013	1·035	·975	95	79	69	88	82	95	"	5	8	10	6	C. K. Fk. *c.*	K. Pk. Fk. Pc. *c. o.*	Pc. *c.*
9	80·3	82·5	81·4	76·0	81·0	79·2	1·019	1·018	·980	·872	1·006	·979	95	73	73	91	84	93	0·01	5	7	10	10	C. Pc. K. Fk. *c.*	K. Fk. Pc. Pk. Ck. *c.*	Pc. Pk. *o. g. d.* ↯
10	78·3	81·3	79·0	79·6	80·3	74·7	·954	1·008	·971	·983	1·001	·836	94	81	93	90	88	91	1·07	10	8	10	0	Pc. Pk. K. Fk. *o.*	K. Pc. Pk. P. *c o. p. t.*	*b.*
11	78·9	81·0	79·6	79·3	81·1	78·6	·969	·965	·949	·972	1·014	·966	93	73	80	90	85	96	0·25	3	6	9	2	Pk. Ck. K. Fk. *c.*	K. Pc. Ck. *c. d. t. p.*	C. Pc. *c.*
12	79·2	82·0	78·3	79·5	81·6	78·9	·978	1·002	·821	·965	1·009	·976	93	74	59	86	81	96	*Nil*	4	6	8	2	K. Pk. Fk. *c. d.*	K. Pc. Fk. *c.*	C. *c.*
13	79·3	80·3	77·3	76·3	80·5	77·0	·965	·914	·910	·894	·981	·909	88	66	91	95	82	93	0·37	10	5	10	10	Pc. Pk. C. *o. c d.*	Ck. K. Pc. Pk. Fk. *c. o. g. t. p. d.* ↯	Pc. Pk. *o. g. d.*
14	77·3	79·1	79·6	78·3	79·3	76·1	·927	·915	·903	·939	·946	·898	96	76	69	90	83	99	0·01	10	8	8	2	Pc. Pk. Cs. Ck. *c. o. d.*	Cs. K. Fk. Pc. *c.*	C. Pc. *c.*
15	76·3	80·3	80·0	79·1	80·2	75·0	·895	·968	·984	·965	·986	·853	95	79	87	90	85	94	0·33	9	7	8	3	Pc. Pk. C. Cs. *c d.*	Ck. K. C. Pc. Pk. *c. t. p.*	Pc. Pk. *c.*
16	78·7	80·7	81·2	79·0	80·8	78·2	·970	·962	·982	·959	·996	·959	96	74	75	89	83	97	0·05	4	8	8	1	C. Ck. K. Fk. *c.*	K. Pc. Pk. *c. d. t.*	C. *c.*
17	79·2	80·2	80·5	79·3	80·8	77·7	·986	·977	·961	·988	1·008	·938	96	83	76	95	87	95	0·26	7	8	8	3	K. Pk. C. Ck. Fk. *c. p.*	K. Pc. Pk. *c. d. t.*	C. Pc. *c. p.*
18	78·5	80·0	80·4	79·1	80·9	78·2	·962	·940	·999	·963	1·011	·960	95	75	87	89	86	98	0·19	8	8	10	4	K. C. Cs. Fk. *c. d.*	K. Pc. Pk. *c. o. d. p. t.*	C. Pc. *c.*
19	77·6	80·3	79·5	79·6	80·6	76·7	·924	·954	·927	·986	·996	·900	92	76	76	91	85	93	0·02	8	9	10	3	C. Cs. K. Fk. *c.*	K. Pc. Pk. Fk. *c. o. g. d.*	C. Pc. Pk. *c. d.*
20	77·3	79·6	80·4	78·5	80·4	77·1	·924	·988	·986	·963	1·012	·928	95	92	83	96	92	99	1·50	10	10	10	10	Pc. Pk. C. K. Fk. *c. o. p.*	Pc. Pk. Fk. *o. g. d. p. t.*	Pc. Pk. *o.*
21	78·7	80·3	78·3	78·3	79·9	78·1	·973	·980	·940	·944	·990	·958	97	83	90	91	89	98	0·32	10	9	10	10	Pc. Pk. K. Fk. *c. o. d.*	Pc. Pk. Fk. K. *c. o. g. d. p. t.*	P. Pc. *o.* ↯
22	77·2	76·5	77·6	77·3	77·8	75·5	·929	·900	·938	·924	·931	·875	98	95	96	95	92	97	4·28	10	10	10	10	P. Fk. *o. g. p.* ●	P. Pc. Fk. *o. g. d.* ●	P. *o. g. d.* ↯
23	76·0	77·7	78·1	75·3	78·1	75·6	·879	·918	·960	·842	·932	·881	93	89	99	88	90	98	1·36	10	10	10	10	Pc. Pk. Fk. *o. g. p.*	P. Fk. *o. g. d. p.*	P. *o. g. p. d.* ↗
24	77·3	78·8	80·3	79·3	79·7	74·7	·906	·952	·981	·963	·974	·840	89	89	83	87	87	93	0·26	10	10	10	10	Pc. Pk. F k. P. *o. g. d.*	P. Pc. Pk. Fk. *o. d. p.*	Pc. Pk. *o. g.*
25	77·3	79·3	81·1	75·7	79·3	77·0	·924	·972	1·017	·874	·967	·916	95	90	85	94	88	95	0·37	10	10	8	3	P. Pc. *o g. d. p.*	Pc. Fk. *o. c.*	Ck. Cs. *c. p.*
26	78·3	80·9	83·0	80·5	81·4	74·2	·954	·982	1·059	1·016	1·027	·833	94	78	79	91	86	95	*Nil*	3	2	3	4	Ck. Fk. *c.*	Cs. Fk. *c.* ⊕	C. Cs. *c.*
27	78·4	81·2	81·4	80·5	81·4	78·2	·946	·986	1·007	1·009	1·021	·946	91	76	80	89	83	93	"	6	6	10	10	C. Cs. Ck. *c.*	C. Cs. Pc. *o. c.*	Pc. Pk. *o.*
28	79·3	81·0	79·3	78·3	81·1	78·7	·989	·974	·914	·942	1·010	·976	96	75	74	91	84	98	"	3	9	6	0	C. Cs. K. *c.*	K. Pk. Fk. *c.*	*b.*
29	77·3	78·8	79·5	79·3	79·9	76·4	·927	·912	·970	·986	·974	·906	96	77	87	95	85	98	0·11	10	8	8	0	Pc. Pk. K. Fk. *c. o. p.*	C. K. P. Pk. *c. t. d.* ⊕	*b.*
30	78·1	78·9	79·2	77·8	79·1	77·7	·946	·916	·906	·910	·938	·944	94	77	72	86	82	98	0·02	3	8	8	2	C. K. Fk. Pk. *c.*	K. Pk. Fk. *c. d.*	K. Fk. Cs. *c.*
Mean	78·2	80·3	80·0	78·5	80·4	76·7	·948	·961	·946	·947	·988	·905	93	77	77	89	84	94	*Total* 13·40	7·00	7·47	7·97	5·33	...	...	...

CALCUTTA (ALIPORE)—JULY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·454	29·481	29·425	29·519	29·457	81·2	86·4	83·4	80·0	83·6	87·8	79·7	8·1	6·2	146·5	58·7	76·5	3·2	NE by E	ENE	E	E	208
2	·567	·666	·654	·739	·629	79·6	83·4	80·7	80·2	82·6	85·8	77·7	8·1	1·7	144·0	58·2	76·8	0·9	E by S	ESE	ESE	SSE	282
3	·726	·761	·647	·680	·706	78·3	84·5	86·5	82·4	84·4	89·5	77·2	12·3	5·1	156·7	67·2	75·0	2·2	Calm	SSW	SW	S by W	80
4	·614	·642	·563	·615	·610	81·3	86·4	88·3	80·3	85·0	89·7	80·5	9·2	0·2	143·5	53·8	78·9	1·6	SW	WSW	WSW	Calm	122
5	·568	·604	·521	·610	·579	81·5	81·9	84·5	77·4	82·9	87·8	77·3	10·5	0	128·6	40·8	76·4	0·9	SW by W	WSW	SSW	Calm	43
6	·557	·573	·482	·540	·535	76·4	83·4	83·0	79·4	81·8	85·4	75·7	9·7	1·1	139·7	54·3	75·7	0	Calm	SW	SSW	SSW	50
7	·495	·543	·478	·557	·512	77·4	81·2	84·5	79·4	82·2	85·5	76·4	9·1	3·5	146·1	60·6	73·9	2·5	SW by S	SW	SSW	SW by S	124
8	·542	·565	·481	·529	·525	77·5	81·4	85·0	80·4	82·1	86·8	76·7	10 1	3·2	146·8	60·0	75·7	1·0	SSW	SW	SW	SW by S	155
9	·507	·523	·456	·501	·490	78·8	84·4	78·4	79·4	82·0	88·8	77·5	11·3	2·7	153·5	64·7	76·7	1·5	SW by S	W	Calm	SSE	101
10	·485	·536	·486	·569	·504	77·4	82·3	83·2	79·2	80·9	83·8	76·6	7·2	3·6	137·3	53·5	76·3	0·3	Calm	S	SSW	SE by S	59
11	·535	·573	·512	·580	·535	76·8	79·6	78·2	80·5	80·4	83·8	75·6	8·2	0·4	131·7	47·9	75·8	—0·2	SE	SW	SW	SSW	123
12	·525	·558	·466	·535	·516	78·4	84·3	86·8	81·3	83·6	88·5	77·3	11·2	6·5	150·7	62·2	77·0	0·3	SSW	SW	WSW	SW by S	100
13	·513	·579	·493	·597	·538	80·3	82·5	84·8	80·6	83·6	87·3	79·2	8·1	2·0	155·3	68·0	76·9	2·3	Calm	SSW	S	SSE	64
14	·595	·638	·562	·640	·603	79·4	85·3	84·3	81·4	84·2	88·6	78·4	10·2	6·8	150·5	61·9	76·8	1·6	Calm	S	S by E	S by E	63
15	·639	·659	·560	·618	·611	79·2	80·7	86·2	81·4	84·0	87·8	78·0	9·8	5·7	145·6	57·8	76·6	1·6	Calm	SSE	SSW	S	76
16	·569	·602	·489	·502	·537	81·3	84·3	86·5	83·1	84·9	89·8	80·2	9·6	1·5	145·5	55·7	77·9	2·3	SW	SW	S	SSW	131
17	·445	·490	·399	·477	·454	81·4	84·3	87·0	82·6	85·1	87·8	80·8	7·0	1·7	144·5	56·7	79·1	1·7	SW	N by E	WSW	SE by S	45
18	·451	·492	·395	·525	·461	81·4	86·1	89·1	82·0	85·7	90·1	80·5	9·6	1·0	143·4	53·3	78·0	2·5	Calm	S	SE by S	SE by S	25
19	·459	·509	·398	·488	·466	80·4	86·1	86·3	82·4	84·7	88·5	78·6	9·9	5·3	156·9	68·4	76·3	2·3	SE	ESE	ESE	E	94
20	·427	·483	·347	·445	·426	79·7	82·4	85·8	79·6	82·9	88·4	79·2	9·2	2·7	154·5	66·1	77·1	2·1	ENE	E	ENE	SE by S	141
21	·403	·452	·383	·472	·423	79·4	83·7	84·5	81·6	83·4	87·5	78·4	9·1	1·9	151·5	64·0	76·9	1·5	SE by E	SSE	SSE	S by E	91
22	·443	·473	·397	·493	·444	78·7	83·5	83·4	81·8	83·3	88·1	77·6	10·5	1·6	155·4	67·3	76·8	0·8	Calm	SSE	S	S by E	74
23	·466	·496	·444	·534	·476	80·2	80·9	83·4	78·1	81·8	84·3	77·3	7·0	0	121·3	37·0	77·2	0·1	SE by S	SSW	SW by S	SW	46
24	·513	·589	·515	·582	·541	78·5	79·8	81·6	80·9	81·3	84·2	77·2	7·0	0·6	145·3	61·1	77·1	0·1	SW	SW	SW	S by W	118
25	·554	·583	·481	·555	·541	78·4	81·6	85·3	81·5	82·7	86·7	77·4	9·3	0·7	149·5	62·8	75·4	2·0	SW	SW	SSW	SW	166
26	·522	·553	·507	·566	·533	79·6	84·5	78·5	80·9	82·1	86·7	76·3	10·4	0·7	143·4	56·7	77·2	1·9	SW by S	SW	SSW	S by W	168
27	·573	·613	·570	·650	·588	78·0	80·9	77·8	76·4	79·9	84·6	75·8	8·8	0·4	123·6	39·0	77·2	0	WSW	WSW	WSW	W by S	83
28	·602	·657	·550	·615	·599	76·9	81·7	83·6	80·4	81·2	85·5	75·2	10·3	0	151·1	65·6	75·4	—0·2	Calm	SW	SW	SSW	63
29	·580	·611	·518	·574	·566	77·2	82·2	83·4	79·4	81·5	84·5	76·2	8·3	0	136·5	52·0	75·9	0·3	W	WSW	SW	SSW	106
30	·522	·566	·467	·565	·527	77·4	82·6	84·3	78·4	81·4	87·4	76·4	11·0	1·8	150·7	63·3	75·1	1·3	Calm	S	SE by E	Calm	46
31	·548	·589	·515	·615	·557	77·6	81·4	82·7	80·4	81·8	86·3	76·5	9·8	3·9	155·3	69·0	75·9	0·6	ESE	E by N	SSW	S	63
Mean	29·529	29·570	29·489	29·564	29·532	79·0	83·0	83·9	80·4	82·8	87·0	77·7	9·4	Total 72·5	145·3	58·3	76·6	1·3	...	...	...	...	100·3

CALCUTTA (ALIPORE)—JULY 1890.

DAYS.	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.						Rainfall, inches.	CLOUD 0 to 10.				CLOUD AND WEATHER INITIALS.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	77·4	78·6	78·3	77·3	78·4	76·9	·900	·874	·902	·903	·903	·890	84	69	79	88	79	88	0·05	8	8	8	10	K. Pk. Fk. *c.*	C. K. Pk. Fk. *c. d.*	Pk. Fk. *o. d.*
2	78·1	79·3	77·6	77·7	79·2	76·8	·943	·947	·907	·917	·950	·911	93	83	87	89	85	96	0·12	4	9	10	10	K.Ck. Fk. *c.p.*	P. Pc. *o. c. t. d.*	Pk. Ck. *o.*
3	77·3	78·8	80·1	79·5	80·4	77·0	·925	·909	·941	·970	·986	·926	95	77	74	87	84	99	*Nil*	9	8	7	0	I c. Cs. *c. o.*	K. Ck. Fk. *c.*	*b.*
4	80·1	79·5	80·2	78·6	80·7	79·6	1·012	·916	·923	·957	·989	1·000	95	72	69	92	82	96	0·17	10	10	10	10	Pk. Ck. Cs. *o.*	K. Ck. Pc. Pk. *o.*	Pc. Pk. *o. p.*
5	79·4	79·3	78·5	76·3	79·8	75·7	·978	·968	·895	·894	·977	·869	91	89	76	95	87	93	1·86	10	10	10	8	P. Pc. Pk. *o. g. d*	Pc. Pk. *o. t.*	Pc. Pk. *c.p.*
6	75·4	79·5	79·2	78·3	78·8	75·2	·868	·956	·948	·956	·948	·869	95	83	84	95	87	98	0·09	10	8	8	9	P. Pk. Ck. *c. o. d.*	Pc. Pk. Ck. *c.*	P. Pc. *c. d.*
7	75·1	76·6	80·0	76·8	78·3	74·7	·842	·855	·965	·888	·916	·839	99	81	81	89	83	92	*Nil*	8	10	7	0	Pc. Cs. C. K. Fk. *c.*	K.Ck. Pk. Fk. *o. c.*	*b.*
8	75·5	77·8	78·7	77·3	78·2	75·2	·858	·906	·897	·897	·916	·855	91	85	75	87	84	93	0·05	10	7	6	10	Pc. Pk. Fk. *o. d.*	C. K. Pk. *c. d.*	Pc. Pk. *o. g.*
9	76·3	78·5	76·9	78·3	78·8	76·2	·874	·896	·906	·956	·941	·888	89	76	93	95	86	94	1·30	10	8	10	10	Pk. Ck. Fk. *o. c.*	K. Fk. P. *c. o. p. t.*	P. *o.g. d. p.*
10	76·4	77·6	77·5	77·3	78·5	76·2	·898	·885	·868	·912	·944	·900	95	80	76	91	90	98	1·82	10	10	6	7	P. Pk. K. Fk. *o. d. c. p.*	K. Pk. Fk. *o. c. d.*	Pc. Pk. *c.p*
11	76·3	77·3	76·4	78·4	78·1	75·2	·902	·907	·887	·945	·933	·870	98	90	92	91	90	98	0·28	10	10	10	0	P. Pk. Fk. *o. d. p.*	Pc. Pk. Fk. *o. g. d.*	*b.*
12	77·3	79·0	79·3	79·2	79·5	75·8	·924	·921	·901	·971	·955	·873	95	78	70	91	83	93	*Nil*	1	8	5	0	Ck.Cs. K. Fk. Pk. *c.*	K. Ck. Fk. *c.*	*b.*
13	78·9	79·3	79·5	79·3	80·3	77·7	·970	·959	·938	·985	·993	·931	94	86	78	94	86	93	0·01	9	10	9	0	Pk. Fk. *c. o. d.*	Pc. Pk.Ck. K. Cs. *o. c.*	*b.*
14	78·4	79·7	79·4	78·6	80·6	76·7	·960	·940	·939	·942	·997	·897	95	78	79	88	85	92	*Nil*	6	5	8	3	Pc. Pk. K. Fk. *c.*	K. Ck. Pk. *c.*	K. *c.*
15	78·3	78·3	80·5	78·7	80·2	76·6	·958	·938	·965	·946	·978	·898	96	89	77	88	84	93	0·10	2	7	8	0	Ck.Cs. Pk. K. Fk. *c. p.*	K. Pk. *c.*	*b.*
16	78·4	79·8	82·2	81·2	80·6	78·2	·934	·958	1·043	1·040	·991	·940	87	81	83	91	83	91	*Nil*	10	10	8	8	K. Pk. Fk. *o. c.*	K. Pk. Fk. *o. c.*	Pc. *c.*
17	80·3	78·8	81·1	80·3	81·3	77·2	1·021	·912	·983	1·004	1·018	·887	95	77	76	90	84	85	"	7	7	10	3	K. Pc. Pk. *c. o. g.*	C. K. Pc. Pk. *c. o.*	Pc. *c.*
18	80·7	82·5	82·4	79·4	82·2	79·5	1·040	1·064	1·017	·971	1·056	·996	97	86	74	89	86	96	0·02	7	8	8	3	Ck. Cs. *c.*	K. Ck. *c.*	Pc. *c. d.*
19	79·3	80·1	80·4	78·3	80·5	78·1	·988	·947	·959	·915	·984	·957	95	76	76	83	83	98	0·06	10	7	6	0	P. K. Fk. *o. c.*	K. Pk. Fk. *c. t. d.*	*b.*
20	78·5	79·6	80·9	78·6	79·9	77·2	·960	·975	·990	·966	·980	·908	95	88	80	96	87	91	0·56	10	10	9	0	P. K. Pk. Fk. *c. o. g. d.*	Pc. Pk. *c. o. t. d.*	P. *b. p.*
21	78·3	80·3	79·7	79·5	80·4	78·1	·956	·989	·951	·981	1·000	·960	95	85	80	91	87	99	0·01	8	10	10	2	Ck. Cs. Fk. Pk. *c. o. d.*	Pc. Pk. K. Fk. *o. d.*	Pk. *c.*
22	78·1	80·4	80·3	79·5	80·4	76·7	·956	·998	·994	·979	1·000	·909	97	87	87	90	88	96	0·31	10	10	10	7	Cs. Pc. Ck. Pk. Fk. *p.*	Cs. K. Pc. Pk. Fk. *o.*	Pc. Pk. *c.*
23	79·5	79·5	80·2	77·3	79·9	77·0	1·000	·990	·989	·927	·998	·925	97	94	86	96	92	99	1·30	10	10	10	10	Pc. Pk. Fk. *o. g. p.*	P. Pc. Fk. K. Pk. *o. g. d.*	P. *o. g. d. p.*
24	77·5	78·0	76·7	78·3	78·6	76·5	·932	·936	·855	·936	·942	·906	95	92	79	89	88	97	0·10	10	10	9	10	Pk. Cs. Ck. Pc. *o. p.*	Pc. Pk. Ck. Fk. *o. c.*	Pk. *o.*
25	76·1	77·5	78·8	77·1	78·6	75·6	·871	·890	·898	·872	·923	·862	90	83	74	81	83	92	*Nil*	10	10	8	10	Pc. Pk. Ck. Cs. *o.*	Pc. Fk. C. K. *o. c.*	K. Pk. *o.*
26	77·5	79·3	77·6	79·0	79·1	75·4	·917	·932	·935	·967	·953	·869	91	78	96	91	87	96	0·47	10	8	10	10	Pc. Pk. C. Ck. Cs. *o. c.*	C. Cs. Pc. Pk. P. *c. o. g. p. t.*	Pk. Fk. *o.a.*
27	77·1	78·3	76·4	75·5	77·9	75·2	·920	·936	·892	·872	·931	·868	96	89	93	96	91	97	1·12	10	10	10	10	P. Fk. *o. g. d. p.*	P. Fk. *o. d. p. t.*	P. *o. g. d*
28	76·4	79·2	78·8	78·0	78·6	74·9	·905	·966	·921	·928	·944	·863	98	89	80	89	89	99	0·04	10	10	10	8	Pc. Pk. *o. g. d.*	Pc. Pk. *o.*	Pc. Ck. *c.*
29	75·2	77·7	77·3	77·2	77·9	74·7	·849	·890	·856	·905	·909	·841	91	81	75	96	85	93	0·04	10	10	8	10	P. Pc. Fk. *o. g. d.*	K. Pc. Pk. Fk. *o. c.*	K. Pk. *o.*
30	76·5	79·0	79·3	77·3	78·9	75·5	·902	·944	·935	·924	·956	·872	96	85	79	95	89	96	0·39	10	10	6	5	Pc. Pk. K.Fk. *o. c.*	K. Pk. Fk. *o. c. p.*	K. *c. g. p.*
31	76·9	78·5	78·3	77·9	78·8	76·2	·917	·937	·910	·924	·945	·901	97	87	81	89	87	99	0·02	8	8	6	5	K. Pk. Fk.Cs. *c. d.*	K. Pk. Fk. Cs. C. *c. d.*	K. Pc.Fk. *c.*
Mean	77·6	79·0	79·1	78·3	79·5	76·5	·932	·937	·933	·940	·963	·899	94	83	80	91	86	95	Total 10·29	8·61	8·90	8·39	5·74	...	...	...

CALCUTTA (ALIPORE)—AUGUST 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·603	29·634	29·561	29·653	29·601	77·4	84·1	85·6	80·1	83·2	87·5	76·5	11·0	5·1	149·5	62·0	75·9	0·6	SSE	S	S	SE by S	99
2	·623	·683	·589	·673	·635	78·2	85·3	86·1	80·6	83·8	88·5	77·1	11·4	7·6	150·6	62·1	75·1	2·0	SE	SSE	S	SE by S	84
3	·648	·673	·584	·683	·648	78·4	85·3	87·2	81·0	83·5	89·6	77·2	12·4	8·4	151·2	61·6	74·9	2·3	Calm	ESE	SSW	S by E	48
4	·657	·688	·571	·651	·644	79·4	85·5	88·3	81·4	84·2	89·8	77·8	12·0	9·4	155·7	65·9	75·1	2·7	Calm	E	SSE	Calm	42
5	·627	·641	·573	·630	·611	79·4	86·6	77·4	77·9	80·8	89·7	75·2	14·5	5·3	153·3	63·6	76·0	2·2	Calm	E by N	ENE	Calm	50
6	·589	·635	·560	·609	·589	78·8	81·7	83·8	80·2	81·7	86·4	76·2	10·2	1·5	147·5	61·1	75·7	0·5	Calm	E by N	SE by E	SE by E	40
7	·591	·649	·542	·627	·594	78·9	82·4	82·3	80·5	81·6	85·8	75·9	9·9	1·6	140·5	54·7	76·7	1·0	E	S	SE by E	SE	93
8	·623	·663	·553	·623	·612	77·3	80·7	85·3	80·5	82·3	86·4	76·1	10·3	2·7	148·3	61·9	74·9	1·2	Calm	S by E	SSE	SSE	77
9	·596	·624	·501	·589	·576	79·2	84·3	81·6	79·4	83·0	88·0	78·2	9·8	4·5	153·2	65·2	76·5	1·7	Calm	E by N	SE by S	SSE	59
10	·545	·579	·463	·557	·530	78·4	82·1	82·4	78·2	82·2	87·0	77·4	9·6	3·9	145·5	58·5	75·4	2·0	E by N	E	SSE	Calm	68
11	·548	·605	·553	·599	·565	78·4	79·4	81·2	77·9	80·5	81·7	77·2	4·5	0	118·1	36·4	76·0	1·2	Calm	SW	SSW	SSE	64
12	·554	·596	·520	·584	·552	78·1	79·4	79·3	76·7	79·9	82·7	76·1	6·6	0	137·3	54·6	75·8	0·3	SSW	SW	SW by S	SW by W	107
13	·558	·601	·511	·614	·561	77·5	84·6	82·6	80·1	82·0	87·6	76·0	11·6	4·5	155·5	67·9	75·6	0·4	Calm	S by E	E	Calm	39
14	·570	·625	·563	·643	·587	79·4	85·2	82·5	80·4	82·9	88·5	78·3	10·2	6·0	154·0	65·5	76·3	2·0	Calm	S by E	S by E	Calm	49
15	·624	·679	·582	·671	·629	79·4	84·6	86·5	82·4	83·7	87·7	77·4	10·3	6·4	144·3	56·6	75·4	2·0	Calm	S by E	S by W	S by W	55
16	·659	·695	·603	·689	·649	79·5	85·9	86·6	81·5	84·6	88·6	78·9	9·7	10·3	151·5	62·9	76·0	2·9	SSW	SSW	SW by S	S	117
17	·668	·707	·593	·677	·649	79·4	84·8	85·0	81·4	84·3	89·4	78·4	11·0	7·0	152·7	63·3	75·1	3·3	Calm	S	SSW	S by E	115
18	·621	·666	·559	·633	·615	79·0	84·5	87·5	82·4	84·3	89·8	77·9	11·9	5·5	152·7	62·9	75·1	2·8	Calm	SW by W	SSW	SSW	36
19	·582	·658	·589	·660	·612	80·2	82·4	82·4	79·6	83·4	86·9	79·2	7·7	0·6	148·0	61·1	77·7	1·5	Calm	S by E	SE	Calm	37
20	·626	·684	·632	·714	·655	79·2	83·1	79·4	80·5	82·4	85·6	78·2	7·4	0·8	146·4	60·8	75·6	2·6	Calm	SE by E	SSE	SSE	27
21	·675	·725	·642	·711	·677	78·4	79·0	81·6	80·4	81·9	85·1	77·1	8·0	1·0	139·5	54·4	75·1	2·0	S by E	SW	SSE	S by E	60
22	·671	·723	·617	·685	·659	78·6	77·9	80·7	80·4	80·8	81·8	74·6	7·2	0	115·0	33·2	77·5	0·3	SSE	SSE	S	SSW	81
23	·655	·706	·613	·677	·656	79·2	81·4	82·6	80·0	81·5	83·6	77·5	6·1	0	125·5	41·9	75·7	1·8	SSW	SW by S	S	SSW	93
24	·661	·697	·597	·691	·656	77·3	83·4	84·8	79·4	82·4	87·6	76·5	11·1	6·6	153·7	66·1	74·3	2·2	Calm	WSW	S by W	S	93
25	·639	·690	·624	·702	·658	78·4	85·1	84·6	80·0	83·0	86·6	77·4	9·2	4·0	146·1	59·5	75·3	2·1	Calm	SW	S	Calm	46
26	·696	·752	·654	·732	·695	79·4	83·4	82·6	79·5	82·0	86·3	76·2	10·1	3·0	139·7	53·4	76·1	2·3	SE	SE by E	S	Calm	54
27	·698	·743	·601	·713	·685	78·0	84·1	86·6	81·3	83·0	87·6	76·6	11·0	7·7	147·6	60·0	74·6	2·0	Calm	S	SSW	S	66
28	·671	·718	·634	·689	·672	80·4	84·3	82·7	80·2	82·9	85·5	79·4	6·1	1·0	136·0	50·5	76·9	2·5	S	SSW	SSW	S by W	142
29	·657	·708	·617	·687	·665	80·1	83·4	77·4	77·5	80·9	84·2	75·7	8·5	0	117·3	33·1	78·0	1·2	S by W	SW	Calm	Calm	87
30	·642	·681	·569	·671	·640	77·1	84·8	85·3	77·5	81·8	88·5	75·9	12·6	6·7	147·5	59·0	73·8	2·1	Calm	SW by W	SW	Calm	36
31	·624	·709	·617	·695	·652	78·3	84·3	84·3	80·2	82·8	88·5	76·4	12·1	1·2	150·0	61·5	75·5	0·9	Calm	SW by S	ESE	S by E	32
Mean	29·626	29·672	29·580	29·659	23·627	78·7	83·3	83·4	80·0	82·5	86·9	77·0	9·8	Total 122·3	144·3	57·5	75·7	1·8	...	...	...	...	67·6

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	76·4	79·0	79·3	77·5	79·5	75·7	·898	·924	·917	·910	·958	·880	95	79	75	89	84	96	0·04	5	7	9	7	Pk. Ck. K. Fk. *c. d.*	K. Fk. Pc. Pk. *c.*	K. C. *c. d.*
2	77·2	78·8	78·3	77·5	79·6	76·7	·922	·898	·865	·904	·957	·914	95	74	69	87	83	98	*Nil*	6	8	8	6	C. K. Fk. *c.*	K. Pk. Fk. Pc. Cs. *c.*	Pc. Ck. *c.*
3	77·3	78·3	80·3	78·3	78·6	76·7	·924	·876	·942	·934	·913	·913	95	72	72	88	79	98	”	3	5	8	7	Ck. Cs. K. Fk. *c.*	K. Fk. Pk. Pc. *c.*	Pc. Cs. *c. lr.*
4	78·3	78·8	81·2	79·5	79·5	77·6	·956	·896	·971	·983	·946	·945	95	73	73	91	80	99	0·03	5	6	6	2	Ck. K. Fk. *c.*	K. C. Cs. *c.*	Pc. *c. d.*
5	78·5	81·3	75·5	77·4	78·2	74·4	·964	·999	·859	·935	·932	·842	96	79	91	98	89	96	1·74	9	8	10	4	Ck. Cs. Pk. Fk. *c. o.*	K. Pk. Fk. P. *c. o. g. d. t. p.*	P. Pc. *c. p.*
6	78·3	77·4	78·2	77·7	78·9	75·2	·964	·883	·891	·917	·953	·862	98	82	77	89	88	95	0·07	10	10	10	7	Pc. Pk. *o. g. d.*	Pc. Pk. Fk. *o. g. d.*	Pc. *c.*
7	77·6	79·3	79·3	78·4	79·0	75·3	·931	·961	·962	·945	·960	·871	94	87	87	91	89	97	1·13	8	10	8	5	Pc. Pk. *c. o. d. p.*	Pc. Pk. K. *o. d. c. p.*	Pc. Pk. *c. d.*
8	76·3	78·0	79·0	78·5	79·4	75·4	·895	·924	·907	·950	·966	·872	95	88	75	91	87	97	0·11	10	10	8	0	Pc. Pk. Cs. Ck. *o. p.*	Pc. K. C. Cs. *o. c.*	*b.*
9	78·3	80·3	78·2	77·4	79·8	77·9	·958	·981	·920	·914	·978	·953	96	83	85	91	87	99	*Nil*	4	7	9	0	K. Ck. Cs. Pk. Fk. *c.*	C. K. Pc. *c.*	*b.*
10	77·3	78·1	79·8	77·2	79·3	77·1	·924	·909	·984	·922	·963	·928	95	83	89	95	87	99	0·36	8	9	10	6	K. Cs. Pc. Fk. *c.*	K. Pc. Pk. *c. o. d. t. p.*	Pc. *c. p.*
11	77·3	77·6	77·5	77·2	78·4	76·7	·924	·924	·895	·926	·946	·913	95	92	84	97	91	98	0·17	10	10	10	10	P. Pk. Pc. *o. g. d.*	Pc. Fk. P. *o. d.*	P. *o. g. p.*
12	77·4	77·3	78·2	76·2	78·0	74·7	·932	·910	·952	·899	·937	·842	97	91	95	98	92	93	1·70	10	10	10	10	P. Pc. *o. g. d. p.*	P. Pk. Fk. *o. g. d. p.*	P. *o. g. p.*
13	77·3	80·3	79·5	78·5	79·5	75·7	·936	·977	·968	·955	·974	·886	99	82	87	93	89	99	0·10	10	5	8	0	Pk. K. Fk. *c. o. p.*	K. Pc. *c.*	*b.*
14	78·6	80·3	78·6	78·2	80·0	77·7	·969	·969	·926	·937	·984	·943	97	79	83	90	87	97	0·01	9	8	8	0	Pk. Pc. K. Fk. *c. d.*	K. Pk. Fk. *c. d. t.*	*b.*
15	77·3	78·5	79·6	78·3	80·0	77·2	·910	·894	·919	·915	·978	·932	91	76	72	83	85	99	*Nil*	8	7	7	2	Ck. Pk. Cs. *c.*	K. C. Cs. *c.*	K. Pc. *c.*
16	78·3	81·2	80·3	78·3	80·5	78·0	·954	1·003	·950	·927	·988	·948	94	81	75	86	83	96	”	8	7	6	0	Pc. C. Cs. Fk. *c.*	K. Fk. *c.*	*b.*
17	77·3	79·7	79·4	77·9	80·1	77·2	·910	·947	·930	·910	·973	·919	91	79	77	85	83	94	0·06	10	8	5	0	Ck. Cs. K. C. *c. o.*	K. Ck. Fk. Pk. *c.*	*b. d.*
18	78·2	79·3	80·6	79·4	80·8	77·7	·956	·932	·952	·965	1·006	·948	96	78	73	87	86	99	*Nil*	5	6	8	0	Ck. Cs. K. Pk. *c.*	K. Pk. Fk. *c.*	*b.*
19	79·3	79·3	79·4	78·3	80·5	77·9	·990	·961	·965	·953	1·003	·940	96	87	87	94	88	94	0·04	10	10	10	0	Pc. Pk. K. Fk. *o. d.*	K. Pc. Pk. Ck. *o.*	*b.*
20	78·3	79·7	77·4	78·3	79·4	77·6	·958	·969	·914	·941	·968	·940	96	85	91	90	87	97	0·09	8	9	10	0	Pc. Pk. K. Fk. *c. o. d.* ⌓	K. Pc. Pk. *c. o. d.*	*b.*
21	77·7	77·5	78·3	78·3	79·3	76·5	·942	·925	·926	·942	·970	·907	97	93	86	91	89	97	0·32	7	10	10	10	Pc. Pk. Cs. K. Fk. *c. d. p.*	P. Pc. Pk. Fk. *o. g. p. t.*	Pc. Pk. *o.*
22	77·4	77·3	79·3	78·3	78·8	74·2	·925	·931	·983	·942	·960	·841	94	97	94	91	91	98	0·89	10	10	10	10	P. Pc. Pk. Fk. *o. g. d. p.*	P. Pc. Pk. Fk. *o. g. p. d.*	Pc. Pk. *o.*
23	78·0	78·5	77·5	76·6	78·8	77·1	·944	·937	·877	·871	·949	·926	94	87	79	85	88	98	0·01	10	10	8	10	P. Pc. Pk. Ck. *o. d.*	Pc. Pk. Fk. K. Ck. *o. c.*	Pk. Ck. *o.*
24	76·0	77·3	78·3	78·[illegible]	78·6	75·6	·882	·856	·882	·956	·928	·875	94	75	74	95	84	96	0·08	9	6	8	9	Pc. Ck. C. Cs. *c.* ⌓	K. Ck. Pc. Pk. *c.*	Pc. Pk. *c. p.*
25	77·7	79·3	78·0	78·3	79·9	77·2	·942	·924	·871	·947	·981	·932	97	76	74	92	87	99	*Nil*	3	7	7	4	Pc. Ck. K. Fk. *c.* ⌓	K. Pk. Ck. *c*	Ck. *c.*
26	78·3	80·4	78·7	78·2	79·4	75·5	·956	·999	·929	·949	·971	·875	95	87	83	94	89	97	0·81	6	7	6	10	Pk. Ck. Fk. K. *c. d.* ⌓	K. Pc. Pk. Fk. *c. d. p. t.*	Pk. Ck. *o.*
27	76·9	78·4	80·4	77·8	79·1	76·0	·912	·896	·955	·907	·946	·892	95	76	75	85	84	97	0·08	8	7	8	9	Pk. Fk. K. *c. p.*	K. Pk. Fk. *c.*	K. Pc. *c.*
28	78·3	79·9	79·4	79·3	79·9	76·9	·942	·963	·961	·990	·980	·892	91	81	86	96	87	89	0·07	10	10	10	10	K. Pk. Fk. *o. c.*	K. Pk. Fk. Pc. *o. d. p. t.*	Pc. *o.*
29	79·1	80·3	76·5	77·2	79·2	75·2	·982	·994	·902	·931	·976	·869	96	87	96	99	92	98	0·47	10	10	10	10	Pc. Pk. *o. d.*	Pc. K. Pk. P. *o. g. d. p. t.*	Pc. *o.*
30	76·4	79·3	79·6	77·0	78·6	75·2	·902	·928	·935	·922	·940	·866	97	77	77	98	87	97	0·66	8	3	10	10	Ck. Cs. *c.* ⌓	K. Pc. Pk. *c. o.*	Pc. Pk. *o. d. p.*
31	77·6	80·0	80·5	79·3	80·0	74·5	·939	·967	·991	·990	·987	·830	97	82	84	96	88	91	*Nil*	8	9	10	2	Pc. Pk. Fk. Cs. *c.*	Pc. Pk. *c. o.*	Ck. *c.*
Mean	77·7	79·1	78·9	78·0	79·4	76·3	·937	·937	·929	·935	·964	·900	95	82	81	91	87	97	Total 9·04	7·90	8.03	8·55	5·16	...	...	...

CALCUTTA (ALIPORE)—SEPTEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·679	29·730	29·636	29·712	29·681	79·4	87·1	88·1	82·1	84·7	89·7	78·2	11·5	8·0	149·3	59·6	75·4	2·8	Calm	SW	SW	SSE	46
2	·687	·739	·674	·726	·698	80·6	87·0	85·5	80·4	84·7	91·5	79·5	12·0	6·9	156·5	65·0	76·7	2·8	S	SW	Calm	Calm	42
3	·703	·759	·659	·714	·709	81·4	80·7	87·5	81·6	83·8	88·4	78·9	9·5	2·9	150·9	62·5	77·3	2·1	Calm	NE	S by W	SSW	41
4	·694	·719	·609	·684	·675	81·0	87·3	90·3	82·7	85·6	91·7	79·8	11·9	8·4	150·5	58·8	76·9	2·9	Calm	SW	S	SSW	34
5	·673	·702	·577	·653	·647	77·4	87·8	86·5	84·2	85·2	92·7	76·3	16·4	8·0	153·4	60·7	73·6	2·7	Calm	SW	NW	S	58
6	·639	·655	·557	·628	·610	78·5	87·0	88·3	81·7	84·2	91·0	77·4	13·6	5·4	147·9	56·9	75·3	2·5	Calm	SSW	N	Calm	54
7	·643	·684	·559	·662	·626	80·4	86·1	87·5	81·2	85·0	89·2	78·8	10·4	0	134·8	45·6	77·6	1·2	Calm	Calm	Calm	Calm	10
8	·649	·701	·595	·695	·652	79·4	86·8	84·3	81·2	84·0	89·5	78·4	11·1	5·1	154·5	65·0	76·2	2·2	Calm	ESE	SE by E	Calm	27
9	·675	·714	·594	·685	·667	79·3	86·8	89·1	82·6	85·0	89·9	78·1	11·8	9·3	150·5	60·6	75·1	3·0	Calm	SSE	S by W	S	27
10	·663	·712	·614	·684	·659	80·1	85·5	84·3	82·3	84·8	90·7	79·0	11·7	5·9	156·5	65·8	76·3	2·7	Calm	SW	S	S by E	54
11	·665	·720	·612	·675	·663	79·5	86·2	84·3	81·4	84·6	90·0	78·8	11·2	6·9	152·5	62·5	76·3	2·5	S by E	SW	S by W	SSE	53
12	·668	·722	·617	·674	·662	79·7	86·8	84·5	80·8	84·9	90·8	78·5	12·3	7·6	161·4	70·6	75·8	2·7	SSE	SSE	SSE	SSE	42
13	·653	·679	·614	·670	·654	80·1	85·8	80·5	79·6	83·4	89·6	78·5	11·1	4·7	152·9	63·3	76·4	2·1	Calm	S by W	S by W	SE	44
14	·639	·705	·558	·642	·637	78·9	78·4	79·6	79·4	80·6	83·8	75·2	8·6	0·2	133·5	49·7	75·7	2·1	E	SE	SSE	E by S	43
15	·575	·623	·537	·642	·585	78·4	85·1	82·8	80·5	82·2	87·5	77·2	10·3	5·3	156·5	69·0	75·8	1·4	ENE	E	E	E by S	136
16	·627	·710	·632	·754	·670	79·4	83·4	86·3	80·9	82·8	87·5	77·4	10·1	5·4	151·2	63·7	76·9	1·4	E	ESE	SE	SE	156
17	·792	·822	·724	·786	·776	78·4	85·3	85·1	79·4	82·9	87·5	77·6	9·9	4·4	146·8	59·3	74·7	2·9	Calm	ENE	ENE	Calm	86
18	·754	·804	·704	·761	·748	78·4	83·6	83·6	78·9	82·0	87·5	77·3	10·2	1·7	142·5	55·0	74·9	2·4	Calm	E	E by S	Calm	49
19	·726	·776	·673	·747	·719	77·7	84·3	84·3	79·5	82·4	87·5	76·8	10·7	5·1	153·5	66·0	74·5	2·3	SE	SE	SSW	Calm	37
20	·699	·757	·644	·702	·696	78·3	85·3	84·3	79·8	82·7	87·5	76·9	10·6	5·4	150·5	63·0	74·4	2·5	Calm	ESE	SE	SE by S	34
21	·663	·693	·601	·674	·653	78·8	85·7	82·7	80·7	82·9	88·3	77·9	10·4	4·9	147·8	59·5	75·4	2·5	SE by S	ESE	ESE	E by S	64
22	·676	·725	·630	·750	·691	78·4	84·3	80·6	78·7	80·7	84·7	75·7	9·0	1·1	143·5	58·8	75·2	2·2	ENE	E	E by S	E by S	75
23	·768	·828	·758	·834	·785	77·5	79·4	78·5	76·7	79·6	82·6	76·8	5·8	0·2	141·3	58·7	75·9	0·9	E by S	ESE	ESE	ESE	176
24	·811	·874	·741	·801	·802	75·9	77·4	80·7	76·4	79·1	81·2	75·0	6·2	0	121·5	40·3	74·3	0·9	E	ESE	SE by E	Calm	135
25	·747	·791	·666	·727	·730	76·4	80·5	80·4	76·7	78·7	81·5	75·2	6·3	0	119·5	38·0	73·1	2·1	E	SE by E	SE by E	ESE	99
26	·663	·700	·607	·689	·659	75·9	74·9	76·5	76·4	77·5	81·2	72·7	8·5	0	92·9	11·7	74·1	0·9	E	SE	ESE	SE	111
27	·657	·713	·618	·717	·668	77·4	82·7	82·6	79·1	80·0	85·5	71·8	13·7	1·1	133·7	48·2	71·6	0·2	SE	SSE	S by E	SSE	154
28	·710	·787	·738	·806	·743	75·8	81·6	74·9	75·8	78·8	84·5	73·4	11·1	1·5	147·4	62·9	74·6	0·3	SSE	SSW	SSE	SE	151
29	·804	·865	·781	·836	·813	75·4	80·7	79·6	78·4	79·8	85·9	73·7	12·2	6·1	149·5	63·6	74·0	0	SE	SE	ESE	Calm	64
30	·846	·906	·798	·857	·843	75·3	82·7	85·4	79·4	81·0	86·5	74·3	12·2	9·8	147·8	61·3	71·2	3·1	Calm	ESE	E by S	Calm	18
Mean	29·695	29·744	29·644	29·720	29·694	78·4	83·9	83·6	80·0	82·5	87·5	76·8	10·7	Total 131·3	145·0	57·5	75·2	2·0	...	...	...	...	70·7

CALCUTTA (ALIPORE)—SEPTEMBER 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	78·6	81·0	78·4	80·3	81·0	78·1	·969	·977	·842	1·011	1·012	·962	97	76	63	92	85	100	*Nil*	2	3	8	10	C. Cs. *c.* △	C. Cs. K. Pc. *c.*	Pc. Ck. *o.*
2	79·5	80·3	82·0	79·3	81·1	78·7	·995	·945	1·047	·988	1·017	·972	95	73	85	95	85	97	„	0	2	10	8	K. *c. b.* △	K. Pc. Pk. *c. o. t.*	Pc. *c. lr.*
3	80·3	77·8	81·5	80·3	81·3	76·9	1·021	·915	·996	1·018	1·035	·899	95	87	76	94	89	91	„	10	10	5	0	Pc. Pk. Fk. P. *o. g. t.*	Pc. K. Cs. C. *o. t. c.*	*b.*
4	80·2	81·5	81·1	80·5	81·6	79·2	1·022	·999	·938	1·013	1·026	·992	97	77	66	90	84	98	„	9	1	5	0	Ck. Pk. Cs. *c.* △	C. K. Fk. *c.*	*b.*
5	76·3	80·6	75·1	81·0	80·5	74·7	·894	·948	·718	1·016	·982	·840	95	72	57	86	81	93	„	0	0	6	0	*b.* △	K. Pk. Fk. *c. b.*	*b.*
6	76·7	78·3	81·0	80·3	80·3	73·4	·896	·852	·961	1·016	·985	·770	92	66	72	94	84	82	1·04	3	3	7	0	Ck. Pk. *c.*	Ck. K. Pk. *c. p.*	*b. d.*
7	79·9	81·5	81·3	78·9	81·7	75·2	1·016	1·015	·986	·959	1·040	·827	98	82	75	90	86	84	0·01	9	10	10	0	Pc. Pk. *c. o.*	Pc. Pk. *o.*	Pc. Pk. *b. t. g. d.*
8	78·6	80·2	79·0	79·3	80·8	78·0	·969	·943	·921	·977	1·008	·955	97	74	78	91	86	98	*Nil*	5	8	8	0	Pc. K. *c.* △	K. Pc. Pk. *c.*	*b.*
9	78·4	79·3	79·1	79·3	80·7	76·3	·961	·901	·860	·958	·990	·884	96	70	63	86	83	92	„	7	5	5	0	K. C. Cs. *c.* △	K. C. Cs. *c.*	*b.*
10	79·2	80·3	79·3	79·3	81·2	78·3	·987	·965	·935	·962	1·018	·961	96	79	79	87	85	97	„	4	6	9	2	K. Pk. Fk. *c.* △	K. Pc. Pk. *c. t.*	Pc. *c. lr.*
11	78·4	80·4	79·7	79·3	81·0	78·2	·959	·961	·954	·975	1·013	·959	95	77	81	91	85	97	„	2	4	9	0	K. Ck. Cs. *c.* △	K. Pc. *c.*	*b.*
12	78·7	80·1	80·6	78·7	81·2	78·2	·969	·938	·992	·955	1·015	·963	96	73	83	91	85	99	„	2	7	10	1	K. Ck. Cs. *c.* △	K. Pc. Pk. *c. o. t.*	Pk. *c.*
13	79·4	80·3	77·9	78·2	80·3	78·2	·996	·961	·923	·947	·966	·963	97	78	89	93	87	99	0·01	7	7	10	10	K. Ck. Pc. *c.* △	K. Pc. Pk. *c. o. d. t.*	P. *o. g.*
14	77·5	77·3	78·0	78·0	78·5	74·3	·926	·924	·939	·941	·946	·837	93	95	93	93	90	96	0·49	10	10	10	2	P. Pc. Pk. *o. g. d.*	Pc. Pk. *o. p.*	Pc. Pk. *c.*
15	77·3	79·5	79·4	78·3	79·3	76·2	·924	·934	·959	·941	·964	·892	95	78	85	90	88	95	0·23	8	8	7	10	P. Pk. Ck. Fk. *c. d.* △	K. Pk. Fk. C. Cs. *c. d. p. t.*	Pc. Pk. *o. g.*
16	77·9	79·3	79·2	77·8	79·4	76·7	·937	·947	·904	·913	·961	·911	93	83	72	87	86	97	0·09	10	9	7	0	K. Pk. Fk, *o. d. p. g. c.*	K. Fk. Pc. *d. t.*	*b.*
17	77·8	79·9	80·7	78·3	79·6	77·4	·947	·949	·989	·956	·973	·939	97	78	81	95	87	99	0·48	2	5	6	5	Pk. Cs. K. Ck. Fk. *c.* △	K. Fk. C. Cs. *c. t. p.*	Pc. Pk. *c. p.*
18	77·5	79·6	79·5	77·9	79·4	76·8	·933	·958	·954	·944	·971	·916	96	83	83	95	89	98	0·22	9	10	10	6	Pc. Pk. *o. c.* △	Pc. Pk. *o. t.*	Pc. Pk. *c. p.*
19	77·1	79·4	79·1	78·1	79·4	76·7	·924	·939	·925	·944	·967	·919	97	79	78	93	88	100	0·01	8	7	9	0	Pc. Pk. C. K. *c.* △	C. K. Pc. *c. t.*	Pk. *b. d.*
20	77·3	80·3	79·3	78·4	79·7	76·7	·925	·968	·935	·954	·975	·917	95	79	79	93	87	99	*Nil*	4	7	7	1	Pc. C. Cs. *c.* △	K. Ck. Pc. *c. t.*	Pk. *c.*
21	78·3	79·8	78·5	78·6	79·8	77·1	·964	·938	·920	·952	·975	·921	98	76	82	91	87	96	0·02	2	5	10	4	K. Pk. Fk. Cs. *c.* △	K. Pc. Pk. *c. o. t. d.*	K. Pk. Fk. *c.*
22	77·3	79·3	78·4	77·3	78·3	75·0	·924	·935	·944	·919	·938	·860	95	79	90	93	89	97	0·65	6	10	10	10	K. Ck. Pk. Fk. Cs. *c.* △	Pc. Pk. Fk. *o. g. d. t. p.*	Pc. Pk. *o. g. d.*
23	76·2	76·4	76·7	75·4	77·2	75·2	·888	·870	·896	·864	·903	·854	94	87	92	94	89	93	0·09	10	10	10	10	P. Pc. Pk. Fk. *d. o.*	K. Pc. Pk. Fk. *o. d.*	Pc. Pk. *o. g. d.*
24	74·6	75·4	76·3	74·6	76·7	73·7	·841	·855	·848	·834	·887	·816	94	91	80	92	89	94	0·02	10	10	9	8	Pc. Pk. Fk. *o. d.*	P. Pc. K. Fk. *o. g. d. c.*	Ck. *c.*
25	75·4	77·3	76·2	75·4	76·4	73·8	·868	·895	·848	·864	·882	·816	95	86	81	94	90	93	0·16	10	10	8	10	Pk. Fk. K. Cs. *o.*	Pc. Pk. K. Fk. *o. c. p.*	Pc. Ck. *o. p.*
26	75·2	74·3	75·3	75·5	76·2	72·4	·866	·842	·862	·872	·889	·793	97	97	94	96	94	99	1·86	10	10	10	10	P. Pc. Fk. *o. g. d. p.*	P. Pc. Pk. *o. g. d. p.*	Pc. *o. d.*
27	77·0	78·4	78·3	78·1	77·9	70·6	·923	·915	·912	·950	·928	·734	98	82	82	95	91	94	3·41	9	10	10	9	Ck. Cs. Pk. Fk. *o. p.*	P. Pc. Pk. Fk. *o. g. d. p. t.*	K. Pk. *c. d.*
28	74·9	78·5	74·3	75·3	76·9	72·7	·854	·935	·842	·872	·899	·796	96	87	97	98	91	97	2·75	10	8	10	10	Pc. Pk. Cs. *o. g. d. p.*	P. Pk. Ck. Fk. *c. o. g. p. t. d.*	P. Pc. *o. d.*
29	74·6	78·0	77·6	77·3	77·6	73·2	·847	·924	·921	·924	·921	·812	96	88	91	95	90	98	0·99	9	7	5	0	K. Pc. Pk. *c. o. p.*	C. K. Fk. *c. p.*	*b.*
30	74·6	77·4	77·3	78·3	77·7	74·2	·849	·870	·829	·956	·905	·846	97	78	68	95	86	100	*Nil*	0	4	2	1	Fk. *b. c* △ ≡	K. Fk. C. Cs. *c.*	Ck. *c.*
Mean	77·5	79·1	78·7	78·2	79·4	75·9	·933	·931	·917	·947	·966	·884	96	80	80	92	87	96	Total 12·53	6·23	6·87	8·07	4·23	...	...	...

CALCUTTA (ALIPORE)—OCTOBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·861	29·909	29·784	29·848	29·841	76·7	85·0	87·2	79·5	82·1	87·7	75·9	11·8	8·7	146·7	59·0	72·7	3·2	Calm	SE	WSW	Calm	18
2	·838	·885	·765	·828	·820	77·4	84·6	87·3	80·1	82·9	88·5	76·7	11·8	10·7	148·5	60·0	73·0	3·7	Calm	SW	SW	SSW	44
3	·805	·852	·707	·776	·786	78·5	85·4	88·3	75·7	82·6	89·7	77·7	12·0	9·2	151·5	61·8	74·8	2·9	Calm	SW	SW by S	SE by E	57
4	·764	·808	·688	·738	·744	77·1	80·2	86·0	80·0	81·5	86·4	74·2	12·2	6·5	144·4	58·0	73·5	0·7	Calm	SW by S	WSW	SSW	48
5	·720	·783	·680	·755	·730	78·9	85·7	88·3	78·4	82·9	89·4	77·2	12·2	10·1	147·5	58·1	74·6	2·6	Calm	WSW	W by S	Calm	36
6	·773	·832	·728	·821	·778	76·5	85·1	84·2	77·4	81·9	88·5	75·7	12·8	8·3	143·5	55·0	70·8	4·9	Calm	WSW	Calm	Calm	23
7	·804	·865	·742	·809	·801	76·3	85·3	86·5	77·1	81·8	88·5	75·2	13·3	8·9	145·5	57·0	71·7	3·5	Calm	E	NE by N	Calm	26
8	·806	·853	·709	·798	·790	76·4	85·4	86·3	78·2	81·6	88·4	75·1	13·3	8·7	147·3	58·9	71·0	4·1	Calm	ENE	NE by N	Calm	41
9	·788	·837	·708	·793	·774	76·4	84·1	85·6	79·7	82·1	88·0	74·7	13·3	8·1	149·2	61·2	72·9	1·8	Calm	ENE	ENE	SE by E	30
10	·780	·826	·703	·796	·770	77·4	85·9	87·8	78·5	82·8	88·8	76·3	12·5	10·6	153·0	64·2	73·3	3·0	Calm	E by N	ESE	Calm	35
11	·770	·820	·736	·811	·774	77·4	84·6	79·6	77·9	81·4	88·5	76·4	12·1	8·0	147·4	58·9	73·0	3·4	Calm	E	SE	Calm	56
12	·773	·864	·755	·808	·801	78·0	79·2	79·9	76·0	79·5	81·4	76·5	4·9	0·2	123·6	42·2	74·1	2·4	E by N	ESE	ESE	E by N	85
13	·781	·824	·703	·755	·768	76·0	76·9	75·6	75·0	77·2	77·5	74·3	3·2	0	93·4	15·9	74·1	0·8	SE	ESE	SE	SSE	113
14	·658	·720	·653	·715	·693	75·1	73·7	75·4	77·4	76·5	78·0	72·5	5·5	0	85·5	7·5	73·9	0·2	ESE	SSE	SSE	SE by S	161
15	·733	·813	·750	·856	·766	76·2	78·6	75·6	76·2	76·8	78·6	74·5	4·1	0	96·5	17·9	74·1	0·4	SSE	Calm	E by S	Calm	68
16	·846	·921	·864	·938	·875	76·3	80·4	74·7	74·4	76·7	81·5	72·5	9·0	0·5	130·4	48·9	74·0	0·6	Calm	N by W	Calm	Calm	22
17	·941	·980	·857	·914	·912	73·3	80·4	83·2	77·4	78·5	84·5	71·9	12·6	8·7	140·5	56·0	69·9	2·0	Calm	N	W	Calm	22
18	·866	·910	·784	·847	·848	74·9	81·5	84·1	76·2	79·6	85·8	73·4	12·4	9·2	142·5	56·7	70·9	2·8	Calm	W	NNW	Calm	29
19	·851	·904	·816	·890	·852	74·3	81·5	83·6	76·6	79·0	84·3	73·2	11·1	5·6	144·8	60·5	69·9	3·3	Calm	ENE	ESE	Calm	18
20	·899	·958	·860	·929	·905	76·7	81·0	78·0	75·3	78·1	81·6	71·8	9·8	1·2	140·4	58·8	70·9	3·1	Calm	N	Calm	Calm	17
21	·926	·980	·871	·915	·919	73·5	79·4	81·0	76·8	78·3	83·5	72·4	11·1	4·6	143·2	59·7	68·9	3·5	Calm	N	N	N	43
22	·868	·889	·800	·876	·855	76·1	76·4	79·3	76·6	77·8	79·1	73·7	5·4	0	104·3	25·2	72·1	2·0	NE by N	N	NW by N	NW by N	136
23	·872	·913	·808	·894	·863	74·6	80·6	84·3	75·7	79·3	85·5	73·5	12·0	9·9	149·4	63·9	70·9	2·7	NW	NNW	NW by N	Calm	112
24	·906	·958	·857	·933	·902	74·3	82·4	84·3	74·9	79·2	85·7	73·2	12·5	10·4	144·3	58·6	69·5	3·7	Calm	NNW	NNW	Calm	31
25	·939	·988	·893	·942	·932	71·4	80·9	83·4	72·9	77·2	84·4	70·2	14·2	10·3	140·4	56·0	64·0	6·4	Calm	N	N	Calm	47
26	·934	·986	·890	·941	·928	68·6	80·3	82·5	71·1	75·6	83·4	67·3	16·1	10·3	138·5	55·1	61·5	5·8	Calm	NW	NNW	Calm	15
27	·945	·990	·898	·971	·939	69·2	79·5	82·3	71·4	75·4	83·4	66·9	16·5	10·3	143·5	60·1	60·5	6·4	Calm	W	SW	Calm	15
28	·972	30·024	·922	·991	·972	68·8	79·8	81·6	69·4	75·4	82·8	67·2	15·6	9·8	141·6	58·8	61·2	6·0	Calm	E	E	Calm	13
29	·959	·000	·886	·939	·939	69·6	79·5	81·9	72·4	75·6	82·8	68·2	14·6	9·4	137·7	54·9	63·1	5·1	Calm	ESE	Calm	Calm	11
30	·932	29·973	·846	·938	·921	71·0	80·9	82·0	76·4	76·6	83·1	69·5	13·6	6·5	141·1	58·0	65·0	4·7	Calm	SE by S	E	SE by E	15
31	·944	30·002	·892	·967	·938	74·4	78·0	81·3	74·3	77·6	83·5	72·4	11·1	4·0	145·5	62·0	69·6	2·8	Calm	SW	ESE	Calm	31
Mean	29·847	29·899	29·792	29·862	29·843	74·9	81·4	82·6	76·1	79·1	84·6	73·2	11·4	Total 208·7	137·1	52·5	70·3	3·2	...	...	...	...	45·7

CALCUTTA (ALIPORE)—OCTOBER 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						• Relative Humidity.						Rainfall, Inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	76·3	76·9	77·4	78·4	78·4	75·9	·903	·817	·809	·959	·923	·896	98	68	62	95	84	100	*Nil.*	1	1	1	0	K. Fk. *c.*	K. *c.*	*b.*
2	77·2	78·1	78·2	76·4	79·3	76·5	·932	·875	·844	·861	·953	·912	99	74	65	84	85	99	,,	0	3	1	0	K. *c. b.*	K. *c.*	*b.*
3	78·0	80·8	81·3	74·6	79·1	75·9	·954	·990	·975	·844	·952	·872	98	81	73	95	86	92	0·33	0	5	5	6	K. Fk. *c. b.*	K. *c.*	K. P. Pc. Pk. *c. p.* <
4	76·6	76·1	78·3	78·6	78·6	72·7	·910	·847	·866	·960	·940	·785	98	82	69	94	87	93	0·05	6	10	3	0	P. K. Pk. Fk. Cs. *c.*	Pk. K. Fk. C. *o. c. d. t.*	*b.*
5	78·4	79·8	74·7	77·1	78·6	75·2	·967	·938	·678	·915	·924	·849	98	76	51	94	83	91	*Nil*	0	2	1	0	K. Fk. *c. b.* △	K. C. Cs. *c.*	*b.*
6	76·3	77·7	78·8	76·2	78·1	75·2	·906	·851	·913	·889	·915	·869	99	70	77	94	85	98	,,	0	2	1	0	*b.* △ ≡	K. *c.*	*b.*
7	75·5	76·5	76·0	74·6	77·1	75·1	·874	·795	·757	·824	·871	·872	96	65	60	89	81	100	,,	0	1	1	0	*b.* △ ≡	K. *c.*	*b.*
8	75·6	78·6	77·5	77·3	77·7	73·9	·877	·887	·826	·926	·898	·822	96	73	66	96	84	94	1·17	7	5	4	0	Ck. Cs. *c. b.* △	K. Fk. *c.*	Pc. Pk. *c. b. p.*
9	76·2	77·5	77·9	77·6	78·2	73·2	·903	·856	·853	·920	·916	·799	99	74	69	91	84	93	*Nil*	0	6	4	6	K. *c. t.* △ ≡	K. *c. t.*	Pk. *c. t.* <
10	76·5	78·3	78·2	76·6	78·4	76·2	·902	·868	·837	·891	·911	·904	96	70	64	91	82	100	,,	0	5	3	0	*b.* △	K. C. Cs. *c.*	*b.*
11	76·7	76·8	74·1	75·4	77·6	73·9	·911	·818	·770	·848	·899	·804	97	69	76	89	84	88	,,	0	1	8	8	K. *c. b.* △	K. Pk. Ck. *c.*	Pk. *c. o. g.*
12	76·1	76·0	76·4	74·4	76·6	74·0	·876	·856	·864	·831	·879	·807	91	86	85	93	87	88	0·07	9	10	10	10	K. Ck. Fk. Pk. *c.*	Pc. Pk. Fk. *o. g. d.*	P. *o. g. d.*
13	75·4	76·1	74·5	74·3	75·6	73·9	·874	·892	·841	·840	·864	·832	97	96	95	97	92	98	1·16	10	10	10	10	P. Fk. *o. g. d. p.*	P. Pk. Fk. *o. g. d.* ●	P. *o. g. d. t.* < ●
14	74·4	73·2	74·3	76·5	75·2	72·4	·843	·812	·835	·902	·857	·796	97	98	95	96	94	100	2·91	10	10	10	10	P. Pk. Fk. *o. g. d. t. p.* < ●	P. Fk. *o. g. d. t. p.*	Pc. *o. t.* <
15	75·4	77·3	75·2	75·5	75·5	74·1	·871	·921	·870	·875	·867	·838	96	94	98	97	94	98	0·33	10	10	10	10	Pc. Pk. *o. g. t. d.* <	P. Fk. *o. g. d. t. p.*	Pc. *o.*
16	75·6	77·3	74·3	73·9	75·3	72·1	·878	·897	·844	·831	·859	·784	97	87	98	98	93	98	1·25	10	10	10	7	P. Pk. Fk. *o. g. d. t.*	Pk. K. Fk. P. *o. g. d. t. p.* <	Pc. *c. d.*
17	72·6	75·7	76·3	76·3	75·6	71·5	·793	·826	·814	·894	·849	·768	97	79	71	95	88	98	*Nil*	9	7	4	2	Pk. *c. b.*	K. Fk. *c.*	Pk. *c.*
18	74·3	75·3	76·3	75·2	76·0	73·4	·842	·795	·803	·862	·850	·824	97	74	68	95	85	100	,,	0	4	2	0	Fk. *c. b.* △	K. Fk. *c.*	*b.*
19	73·6	75·3	75·4	76·0	75·9	73·2	·821	·795	·771	·892	·855	·819	97	74	66	97	87	100	0·02	2	4	4	0	C. Ck. *c.* △ ≡	K. C. Ck. P. *c. d.*	*b.*
20	75·8	76·6	75·1	74·7	75·9	70·2	·881	·857	·833	·853	·869	·719	96	81	87	97	90	92	1·22	8	7	9	0	Ck. *c.* △	K. Ck. Pc. P. *c. o. g. p.*	*b.* ≡
21	72·7	72·4	73·3	73·3	74·3	72·1	·795	·703	·717	·774	·800	·785	96	70	68	84	83	99	*Nil*	0	7	10	10	K. Cs. *c. b.* △	C. Pc. *c. o.*	Pc. Pk. *o.*
22	72·3	73·9	74·7	72·3	74·4	71·8	·743	·804	·799	·736	·815	·755	83	88	80	80	84	91	0·03	10	10	10	5	Pc. Pk. Fk. *o. g. d.*	Pc. Pk. Fk. *o.*	C. Pc. *c.*
23	73·3	74·9	75·3	75·0	75·6	72·2	·804	·790	·757	·860	·837	·774	94	75	64	97	84	94	*Nil*	0	4	1	0	*b.* △	K. *c.*	*b.*
24	73·8	75·4	74·6	74·2	75·9	73·2	·829	·787	·727	·838	·850	·819	98	71	62	97	86	100	,,	0	1	0	0	*b.* △	K. Fk. *c. b.*	*b.*
25	70·8	69·3	71·2	71·3	72·5	68·8	·748	·562	·601	·747	·735	·686	97	53	53	92	80	93	,,	0	0	0	0	*b.* △	*b.*	*b.* △
26	67·7	69·3	68·7	69·5	70·2	65·8	·667	·570	·518	·702	·669	·617	95	55	46	92	77	92	,,	0	0	0	0	*b.* △	*b.*	*b.*
27	68·5	72·3	70·5	69·8	70·6	66·8	·689	·697	·589	·709	·686	·658	96	69	54	92	79	99	,,	0	0	0	0	*b.* △	*b.*	*b.*
28	68·3	70·0	70·9	68·6	70·5	67·2	·687	·603	·614	·690	·685	·668	97	59	57	96	79	100	,,	0	1	1	0	*b.* △	K. C. *c.*	*b.*
29	69·0	74·2	76·7	70·7	71·3	67·4	·702	·776	·850	·730	·713	·662	97	77	78	92	82	96	,,	0	3	2	0	*b.* △ ≡	K. Ck. *c.*	*b.*
30	70·3	73·8	71·7	72·5	72·7	69·2	·733	·740	·640	·747	·753	·711	96	71	59	82	83	98	,,	0	3	1	10	Ck. *c. b.* △	K. Ck. *c.*	Pk. Ck. *o.*
31	73·6	73·6	74·2	71·4	74·4	71·7	·819	·770	·752	·731	·819	·769	96	80	71	86	86	97	,,	9	9	6	10	K. Ck. Pk. *c.*	K. Ck. *c.*	Ck. Pk. *o.*
Mean	74·1	75·5	75·2	74·5	75·6	72·4	·837	·806	·780	·835	·846	·790	96	75	71	92	85	96	Total 8·54	3·26	4·87	4·26	3·35	...	...	...

CALCUTTA (ALIPORE)—NOVEMBER 1890.

	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
Date.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours	16 hours.	22 hours.	Total miles.
1	29·928	29·977	29·889	29·933	29·926	72·7	78·7	75·6	71·4	76·0	82·4	71·3	11·1	3·5	144·0	61·6	68·5	2·8	Calm	N	SE	Calm	31
2	·907	·964	·865	·934	·908	69·4	78·1	79·7	74·5	75·8	82·0	68·2	13·8	7·5	140·7	58·7	64·0	4·2	Calm	E by N	ENE	Calm	46
3	·923	·983	·902	·983	·941	70·6	79·2	80·3	71·4	76·1	82·3	69·6	12·7	6·4	143·5	61·2	64·0	5·6	ENE	ENE	ENE	Calm	60
4	·981	30·038	·936	30·011	·979	67·9	78·6	81·5	70·6	74·8	82·7	66·6	16·1	9·9	140·0	57·3	60·6	6·5	Calm	NE by E	NE by E	Calm	55
5	30·009	·050	·922	29·990	·990	67·0	77·1	81·4	70·5	74·2	81·8	65·8	16·0	6·4	139·4	57·6	60·5	5·3	Calm	ENE	Calm	Calm	13
6	29·979	·011	·882	·952	·947	68·5	78·4	81·2	71·4	74·6	81·5	67·1	14·4	8·2	140·8	59·3	61·5	5·6	Calm	E by N	Calm	W by S	6
7	·954	·012	·902	·966	·944	69·2	77·5	79·3	73·4	74·9	81·2	67·7	13·5	8·0	143·8	62·6	62·0	5·7	Calm	ESE	SW by S	Calm	24
8	·997	·063	·950	30·011	·993	70·1	79·2	81·0	74·4	76·1	81·3	68·8	12·5	6·5	138·7	57·4	64·9	4·3	Calm	E by N	Calm	Calm	7
9	·986	·050	·925	29·993	·986	71·3	78·7	81·3	71·0	75·9	82·7	70·4	12·3	6·6	140·8	58·1	66·6	3·8	Calm	E	N	Calm	14
10	·961	·017	·904	·984	·965	66·4	76·6	80·2	67·4	72·6	80·6	64·3	16·3	9·7	136·3	55·7	57·1	7·5	N	E	NNW	NNW	39
11	·969	·021	·887	·945	·949	64·2	75·5	79·1	65·4	71·2	80·2	62·7	17·5	9·6	135·5	55·3	56·1	7·3	Calm	N by W	N by W	Calm	26
12	·941	·005	·881	·941	·935	64·2	75·9	79·8	66·7	74·4	80·5	62·4	18·1	9·0	135·7	55·2	55·9	6·5	NNW	NNW	WNW	Calm	29
13	·939	·007	·898	·966	·942	62·1	75·9	80·3	66·4	70·9	80·7	61·1	19·6	9·7	137·5	56·8	53·0	8·1	Calm	Calm	WNW	Calm	17
14	·964	·032	·924	·994	·966	64·3	76·5	80·5	65·5	71·1	81·0	62·8	18·2	9·9	137·5	56·5	55·0	8·2	WNW	WSW	Calm	Calm	33
15	·961	·028	·936	30·006	·972	60·4	73·9	79·1	63·5	69·3	80·3	59·1	21·2	9·5	137·8	57·5	51·2	8·6	Calm	NW by N	N by W	Calm	21
16	·994	·076	·951	·022	·999	58·3	73·8	78·5	62·5	68·1	79·2	57·4	21·8	9·8	134·8	55·6	48·9	8·5	Calm	Calm	NNW	NW by W	18
17	30·015	·073	·960	·034	30·006	60·0	74·4	78·5	66·6	68·9	79·5	59·0	20·5	9·4	132·5	53·0	50·2	8·8	NW by W	N by W	N	Calm	34
18	·029	·081	·982	·041	·023	64·5	74·6	79·2	66·3	70·9	79·7	62·4	17·3	8·9	138·5	58·8	55·4	7·0	Calm	N	NNW	Calm	17
19	·029	·093	·997	·060	·036	62·2	75·5	79·2	65·8	70·5	79·7	61·2	18·5	9·1	138·3	58·6	53·6	7·6	Calm	ENE	N by W	Calm	13
20	·039	·081	·972	·062	·034	60·9	75·1	78·3	65·4	69·5	79·3	60·4	18·9	8·6	136·6	57·3	53·4	7·0	Calm	Calm	N by W	Calm	12
21	·051	·123	30·002	·082	·047	62·3	74·4	78·3	66·5	70·2	80·3	60·1	20·2	9·0	135·3	55·0	55·2	6·0	Calm	S by W	N	Calm	18
22	·079	·133	·015	·090	·063	61·8	75·4	78·5	66·0	70·3	79·4	61·3	18·1	9·4	138·8	59·4	54·0	7·3	Calm	Calm	NNE	Calm	28
23	·093	·167	·025	·098	·083	62·8	75·4	78·4	69·6	71·0	79·4	61·3	18·1	9·0	138·3	58·9	54·3	7·0	Calm	NE	N	N by E	44
24	·079	·142	29·999	·092	·064	61·5	72·6	77·4	65·7	69·7	78·4	60·3	18·1	8·4	133·3	54·9	52·5	7·8	Calm	N by E	N	Calm	65
25	·059	·097	·987	·061	·044	60·9	72·2	75·7	63·4	68·0	77·0	59·7	17·3	5·6	132·0	55·0	53·0	7·2	Calm	N	N	Calm	33
26	·042	·082	·955	·024	·021	59·3	72·7	77·4	63·9	68·0	77·8	57·8	20·0	9·5	131·5	53·7	49·7	8·5	Calm	NNE	NNW	Calm	24
27	·019	·078	·965	·049	·015	59·4	73·2	78·2	64·5	68·0	78·7	58·3	20·4	9·6	134·5	55·8	49·6	8·7	Calm	N by W	NNW	NNW	23
28	·037	·098	·982	·055	·033	59·6	72·4	75·6	63·4	67·1	77·3	58·1	19·2	8·7	131·1	53·8	49·0	9·1	Calm	N	NNE	Calm	38
29	·057	·121	·982	·049	·047	60·4	72·2	76·7	62·6	67·6	77·7	58·2	19·5	9·2	132·4	54·7	49·8	8·4	Calm	NE by N	NNE	Calm	26
30	·024	·073	·933	29·977	29·999	58·5	71·3	76·6	61·6	67·9	77·3	57·6	19·7	9·5	131·5	54·2	48·3	9·3	Calm	N	Calm	Calm	25
Mean	30·002	30·059	29·944	30·014	29·995	64·0	75·5	78·9	67·2	71·4	80·1	62·7	17·4	Total 254·1	137·0	57·0	55·9	6·9	...	...	...	...	28·0

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall inches.	Cloud 0 to 10.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	72·0	73·0	72·5	70·3	72·8	70·6	·777	·736	·759	·728	·764	·741	97	75	86	95	85	97	*Nil*	6	7	8	8	Ck. Pk. *c.* △	K. Pk. *c. d.*	Pk. Ck. *c.*
2	68·9	71·5	71·5	71·3	71·6	68·2	·701	·685	·663	·725	·721	·691	97	72	65	85	81	100	0·01	1	1	4	9	Ck. *c. b.* △	Cs. Ck. K. *c.*	Pk. *c.*
3	67·2	69·1	68·3	69·5	69·9	66·8	·622	·577	·532	·697	·649	·621	83	58	51	91	73	86	*Nil*	4	4	8	0	Ck. *c.* △	C. Cs. Ck. *c.*	*b.*
4	65·9	67·7	69·3	69·3	68·9	65·3	·612	·533	·554	·700	·628	·608	90	54	51	93	74	93	,,	0	0	1	0	*b.* △	K. *c. b.*	*b.*
5	66·3	68·5	68·6	69·1	69·6	65·6	·638	·583	·529	·694	·664	·629	96	63	49	93	80	99	,,	6	6	2	0	K. Cs. *c.* △	K. C. Cs. *c.*	*b.*
6	68·0	70·5	71·4	70·3	70·7	67·0	·680	·641	·638	·728	·702	·662	97	66	59	95	83	99	,,	1	1	3	0	Ck. *c. b.* △	K. C. *c.*	*b.*
7	68·3	69·3	71·3	71·3	71·0	67·7	·681	·608	·661	·740	·708	·679	95	64	66	90	83	100	,,	4	1	8	1	C. Ck. *c.* △	K. Ck. *c.*	Pk. *c.*
8	69·3	71·4	73·6	72·5	72·2	68·5	·707	·665	·730	·774	·739	·694	96	67	69	91	83	98	,,	2	8	2	0	Ck. Pk. K. *c.* △	K. Pk. *c.*	*b.*
9	70·9	73·9	77·3	69·3	72·4	70·4	·752	·773	·884	·695	·750	·745	98	79	82	91	84	100	,,	3	4	4	0	Ck. Cs. *c.* △	K. Ck. Cs. *c.*	*b.*
10	65·4	67·6	67·2	65·3	67·1	63·8	·614	·556	·494	·598	·593	·587	95	61	48	89	76	97	,,	0	0	0	0	*b.* △	*b.*	*b.*
11	63·1	66·8	65·3	61·3	65·6	62·3	·565	·542	·441	·490	·557	·558	94	61	44	78	75	98	,,	0	0	0	0	*b.* △	*b.*	*b.*
12	61·4	66·2	68·5	64·4	65·9	60·3	·509	·515	·547	·575	·567	·497	85	57	54	88	75	88	,,	1	2	0	0	Ck.Cs. *c. b.* △	Ck. *c. b.*	*b.*
13	61·2	65·8	66·4	64·5	65·3	60·4	·539	·502	·463	·583	·553	·518	95	56	44	90	74	96	,,	0	0	0	0	*b.* △	*b.*	*b.*
14	62·7	67·2	66·3	63·3	66·0	62·2	·550	·543	·457	·554	·574	·554	91	59	44	88	77	96	,,	0	0	0	0	*b.* △	*b.*	*b.*
15	60·0	65·6	62·5	62·3	63·2	58·7	·514	·521	·346	·547	·500	·490	98	62	35	93	73	98	,,	0	0	0	0	*b.* △	*b.*	*b.*
16	57·9	63·6	63·3	60·2	62·3	57·3	·476	·453	·380	·493	·485	·471	98	55	39	87	73	99	,,	0	0	0	0	*b.* △	*b.*	*b.*
17	58·5	64·6	67·2	64·4	63·7	58·1	·473	·480	·517	·576	·525	·473	91	56	53	88	75	95	,,	0	0	1	0	*b.* △	Ck. *c. b.*	*b.*
18	62·8	68·6	67·5	64·4	66·1	61·8	·550	·620	·518	·580	·578	·546	91	72	52	90	77	96	,,	7	0	2	0	Ck. Pk. *c. b.* △	Ck. *c. b.*	*b.*
19	61·5	66·3	68·2	64·4	65·8	61·1	·539	·524	·544	·587	·574	·539	96	59	54	93	78	99	,,	2	2	1	0	Ck. Cs. *c. b.* △ ≡	K. Cs. Ck. *c.*	*b.*
20	60·5	69·3	67·5	64·3	65·4	60·3	·523	·640	·530	·589	·573	·524	98	73	55	94	81	99	,,	0	5	1	0	*b.* △ ≡	K. Ck. *c.*	*b.* △ ≡
21	61·5	68·0	68·1	65·2	65·7	60·1	·537	·600	·551	·605	·573	·521	95	70	57	93	79	100	,,	0	1	1	0	*b.* △ ≡	K. *c.*	*b.* △
22	61·5	67·8	67·1	64·7	65·4	61·2	·544	·580	·512	·595	·564	·541	98	66	52	93	78	99	,,	0	1	1	0	*b.* △ ≡	K. *c.*	*b.* △ ≡
23	62·3	68·3	66·2	64·3	65·7	61·3	·557	·598	·482	·533	·564	·544	97	68	49	74	76	100	,,	0	0	6	5	*b.* △	K. C. Cs. *b. c*	C. *c.*
24	60·4	66·0	65·6	62·3	64·2	60·0	·513	·553	·474	·518	·530	·515	93	69	51	82	74	98	,,	6	6	4	6	C. Cs. *c.*	C. Cs. *c.*	C. *c.*
25	59·8	65·1	65·3	62·5	63·6	59·3	·501	·526	·486	·555	·530	·501	93	67	54	95	79	98	,,	8	7	6	4	C. Cs. *c* △	C. Cs. *c.*	C, *c.* △ ≡
26	58·5	64·6	64·6	60·5	63·1	57·6	·482	·503	·439	·483	·514	·474	95	63	47	82	76	99	,,	0	2	0	0	*b.* △ ≡	C. Cs. *c. b.*	*b.*
27	58·3	63·5	64·5	61·3	62·8	57·6	·474	·458	·425	·501	·504	·467	93	56	44	83	74	96	,,	0	0	0	0	*b.* △	*b.*	*b.*
28	58·3	65·1	65·9	62·1	62·8	57·8	·471	·523	·509	·542	·518	·477	92	66	57	93	79	98	,,	0	0	4	5	*b.* △	C. Cs. *b. c.*	C. Cs. *c.*
29	58·7	68·6	66·2	60·7	62·9	57·6	·474	·652	·504	·507	·515	·469	90	83	55	90	77	96	,,	0	0	0	0	*b.* △	*b.*	*b.*
30	58·2	63·6	65·3	60·7	62·5	57·5	·483	·487	·474	·520	·507	·475	98	63	52	95	78	99	,,	0	0	0	0	*b.* △	*b.*	*b.* △ ≡
Mean	63·0	67·6	67·8	65·2	66·5	62·2	·568	·573	·535	·600	·591	·560	94	65	54	89	78	97	Total 0·01	1·70	1·93	2·23	1·27	...	...	...

CALCUTTA (ALIPORE)—DECEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Dfference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·949	29·997	29·866	29·941	29·934	57·3	71·8	76·3	62·5	66·2	77·4	56·3	21·1	9·2	131·3	53·9	48·0	8·3	Calm	N	NNE	Calm	21
2	·962	30·036	·918	30·004	·964	57·4	71·2	75·3	63·2	66·5	77·5	55·8	21·7	7·9	128·5	51·0	48·3	7·5	Calm	NNE	NNE	Calm	12
3	30·014	·079	·962	·046	30·013	58·0	70·9	76·5	62·7	66·6	77·3	56·5	20·8	9·2	131·5	54·2	49·0	7·5	Calm	Calm	N	Calm	12
4	·019	·105	·978	·040	·020	57·5	69·7	75·4	63·2	66·3	76·5	56·0	20·5	6·3	129·5	53·0	48·7	7·6	Calm	Calm	NNW	Calm	11
5	29·982	·039	·908	29·981	29·972	58·4	71·9	77·4	63·2	67·2	78·5	57·6	20·9	6·8	131·8	53·3	49·8	7·8	Calm	SW	WNW	Calm	21
6	·954	·012	·876	·961	·938	58·0	72·5	78·6	62·7	67·3	79·2	57·0	22·2	8·7	132·5	53·3	49·8	7·5	Calm	Calm	W by N	Calm	25
7	·971	·039	·913	·984	·965	59·4	73·8	79·4	62·6	68·2	80·1	57·8	22·3	9·2	133·3	53·2	50·3	8·0	Calm	NW by N	WNW	Calm	26
8	·981	·051	·933	30·023	·987	59·5	74·5	80·2	64·6	68·8	80·8	58·3	22·5	9·0	132·8	52·0	51·4	7·4	Calm	SW	WSW	Calm	28
9	·977	·050	·910	29·974	·972	60·6	74·4	80·5	69·6	69·9	81·2	58·9	22·3	9·3	133·9	52·7	53·5	6·1	Calm	ESE	SW	SSW	15
10	·948	·002	·860	·916	·927	65·6	76·7	82·5	71·5	73·2	83·5	64·9	18·6	8·7	143·4	59·9	58·5	6·4	Calm	SW	SW by W	SSW	34
11	·895	29·986	·876	·966	·920	68·2	75·4	79·3	67·5	73·1	80·8	66·3	14·5	9·0	131·0	50·2	60·3	6·0	Calm	N by E	NNE	Calm	34
12	·974	30·066	·918	·992	·974	64·4	72·7	77·6	64·4	70·0	78·2	62·3	15·9	8·9	131·1	52·9	56·0	6·5	Calm	NE	N by E	Calm	27
13	·950	·017	·877	·936	·941	60·4	70·7	72·5	65·4	67·7	78·5	58·7	19·8	7·0	133·2	54·7	51·7	7·0	Calm	E by S	NNE	E	25
14	·927	·036	·940	30·029	·968	62·6	70·4	75·7	64·3	68·6	76·6	61·2	15·4	8·7	129·5	52·9	56·5	5·2	NE by N	ENE	NNE	Calm	47
15	30·036	·110	·978	·045	30·038	59·4	69·7	74·4	62·6	66·6	76·0	57·8	18·2	8·9	127·7	51·7	51·0	6·8	Calm	NE	N by W	Calm	30
16	·048	·119	30·002	·062	·042	56·8	68·4	74·2	60·4	64·9	74·6	55·8	18·8	8·8	127·5	52·9	47·3	8·5	Calm	NE by E	N by W	Calm	18
17	·043	·121	29·987	·042	·039	54·7	69·4	76·2	62·1	65·0	77·1	53·8	23·3	9·0	128·8	51·7	45·2	9·1	Calm	ENE	NNW	Calm	18
18	·018	·106	·998	·074	·039	57·4	70·1	77·8	63·1	66·2	78·4	56·2	22·2	7·8	128·2	49·8	49·0	7·3	Calm	Calm	N by W	Calm	8
19	·059	·134	30·002	·081	·061	60·4	74·1	77·5	62·4	68·1	78·6	59·3	19·3	8·3	130·6	52·0	52·2	7·1	Calm	N	NNW	Calm	19
20	·069	·136	29·987	·075	·057	56·6	70·2	75·6	61·4	66·4	76·4	55·4	21·0	9·1	128·6	52·2	48·4	7·7	Calm	NNE	NNW	Calm	27
21	·028	·091	·942	29·999	·014	57·0	68·9	77·3	62·8	66·7	77·7	56·1	21·6	8·5	130·8	53·1	48·7	7·4	Calm	Calm	WNW	Calm	16
22	29·982	·052	·918	30·014	29·985	61·1	73·6	79·7	67·4	69·2	80·8	59·1	21·7	9·0	136·5	55·7	53·1	6·0	Calm	WSW	NNW	Calm	29
23	30·028	·140	30·031	·133	30·067	58·5	70·6	74·7	59·5	66·4	75·5	57·2	18·3	9·3	129·9	54·4	49·2	8·4	Calm	N	NW by N	Calm	45
24	·133	·233	·076	·147	·135	56·5	66·5	72·9	57·9	63·8	73·7	54·4	19·3	9·0	128·5	54·8	45·1	9·3	NNE	NNE	NNW	Calm	55
25	·093	·156	·017	·073	·085	56·1	66·9	74·3	57·5	63·5	75·2	54·6	20·6	9·0	129·6	54·4	45·2	10·0	N by W	N by W	NNW	Calm	37
26	·030	·087	29·914	29·972	·005	53·1	67·1	76·4	65·4	63·9	77·4	51·8	25·6	9·0	129·0	51·6	42·7	9·6	Calm	WSW	WNW	SW	22
27	29·975	·081	·956	30·057	29·996	62·4	71·4	76·3	58·9	66·6	77·9	59·7	18·2	9·2	130·0	52·1	51·9	7·8	W by N	NNW	NW by N	Calm	92
28	30·061	·152	·998	·072	30·061	52·3	67·7	73·3	54·4	61·6	74·5	51·2	23·3	9·0	129·7	55·2	42·2	9·0	Calm	NNW	NW by W	Calm	42
29	·041	·114	·988	·085	·047	49·2	64·4	71·4	53·8	59·8	72·4	47·5	24·9	9·3	127·6	55·2	37·9	10·5	Calm	NNW	NW	Calm	35
30	·037	·101	·960	·048	·035	53·0	66·1	71·6	57·4	61·4	72·6	50·7	21·9	9·2	126·8	54·2	40·6	10·1	Calm	NNW	NNW	Calm	42
31	·006	·091	·974	·040	·019	54·3	65·7	74·2	58·4	63·2	74·6	52·8	21·8	9·2	128·0	53·4	44·4	8·9	Calm	N	N by W	Calm	26
Mean	30·006	30·082	29·950	30·026	30·007	58·3	70·6	76·3	62·3	66·5	77·4	56·8	20·6	Total 269·5	130·7	53·3	49·2	7·8	...	...	...	...	29·0

CALCUTTA (ALIPORE)—DECEMBER 1890.

DATE.	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.						Rainfall, inches.	CLOUD 0 TO 10.				CLOUD AND WEATHER INITIALS.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	57·1	65·4	65·2	61·4	61·9	56·3	·466	·542	·475	·532	·501	·455	99	69	53	94	75	100	*Nil*	0	3	2	0	*b.* ⌓ ≡	C. Cs. *c.*	*b.*
2	57·3	63·3	65·3	62·2	62·1	55·8	·471	·477	·492	·548	·502	·447	99	62	56	94	79	100	„	0	0	5	0	*b.* ⌓ ≡	C. Cs. *c. b.*	*b.*
3	57·3	64·3	64·6	61·5	62·3	56·5	·462	·516	·451	·532	·509	·459	96	68	49	93	79	100	„	0	0	0	0	*b.* ⌓ ≡	*b.*	*b.*
4	57·3	63·8	64·6	61·3	61·9	56·0	·469	·514	·466	·518	·499	·450	99	71	53	90	79	100	„	2	7	7	0	C. Cs. *c.* ⌓ ≡	C. Cs. *c.*	*b.*
5	58·3	65·5	63·4	61·3	62·6	57·5	·488	·544	·398	·518	·511	·475	99	69	42	90	78	99	„	2	6	7	0	C. Cs. *c.* ⌓ ≡	C. Cs. Ck. *c.*	*b.*
6	57·5	64·9	62·3	61·0	61·8	57·0	·469	·515	·346	·515	·481	·467	97	65	35	91	75	100	„	0	1	0	0	Ck. Cs. *c. b.* ⌓ ≡	C. Cs. *c. b.*	*b.*
7	58·4	63·8	64·3	60·5	62·5	57·7	·477	·460	·402	·501	·493	·478	94	55	40	88	74	99	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
8	59·3	66·3	64·6	62·3	63·7	58·3	·504	·538	·402	·533	·524	·489	99	62	40	87	76	100	„	0	0	3	0	*b.* ⌓ ≡	Ck. *c. b.*	*b.*
9	59·5	66·3	66·5	68·9	65·4	58·8	·496	·539	·464	·699	·570	·497	93	63	45	96	79	99	„	1	0	0	0	Ck. *c. b.* ⌓	*b.*	*b.*
10	65·4	71·3	68·7	70·3	69·4	64·8	·625	·695	·518	·727	·669	·614	99	75	46	94	83	99	„	0	2	2	0	Ck. *c. b.* ⌓ ≡	K. Ck. *c.*	*b.*
11	67·5	66·6	68·0	64·9	67·8	66·3	·666	·536	·535	·582	·613	·648	96	61	54	87	77	100	„	10	0	2	0	K. Pk. *o. b.* ⌓	Ck. *c. b.*	*b.*
12	61·2	63·2	63·3	61·3	63·4	60·6	·499	·454	·392	·503	·498	·508	83	56	41	83	69	91	„	2	0	0	0	Ck. *c. b.* ⌓	*b.*	*b.*
13	59·2	62·3	66·6	64·3	63·3	58·3	·489	·451	·575	·589	·527	·483	93	59	72	94	78	98	„	2	7	3	0	Ck. *c.* ⌓	Ck. K. Pk. *c.*	*b. d.*
14	60·2	62·6	65·4	61·5	63·6	59·2	·491	·465	·490	·511	·522	·479	87	63	55	85	75	88	0·03	0	0	0	0	K. Ck. *c. b.*	*b.*	*b.*
15	58·1	61·3	63·3	59·5	61·4	57·2	·468	·432	·435	·469	·477	·462	92	59	51	82	74	96	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
16	56·4	60·1	62·2	59·1	59·6	55·6	·451	·411	·401	·486	·444	·442	98	59	47	92	74	99	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
17	53·4	60·8	63·0	59·7	59·6	53·3	·393	·420	·401	·482	·443	·402	92	59	45	87	73	96	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
18	56·7	64·2	64·5	61·5	61·5	56·1	·452	·522	·431	·527	·490	·451	96	71	45	91	78	99	„	0	0	0	0	*b.* ⌓ ≡	*b.* ≡	*b.* ⌓ ≡
19	60·0	67·3	63·1	60·3	62·9	59·3	·514	·579	·386	·497	·507	·506	98	69	41	88	76	100	„	0	0	0	0	*b.* ⌓ ≡	K. *c. b.*	*b.*
20	56·3	60·7	63·3	59·6	60·6	55·3	·451	·406	·419	·488	·454	·438	98	55	47	90	72	99	„	0	0	0	1	*b.* ⌓	*b.*	C *c.*
21	56·5	60·4	64·3	61·1	61·6	55·9	·452	·414	·430	·517	·482	·446	97	58	46	91	76	99	„	6	3	2	0	C. Cs *c.* ⌓ ≡	C. *c.*	*b.*
22	60·4	69·6	67·3	65·3	64·8	59·1	·518	·671	·504	·598	·561	·503	96	81	49	89	83	100	„	5	1	1	0	C. Ck. *c. b.* ⌓ ≡	K. Fk. *c.*	*b.* ≡
23	57·7	58·3	59·1	55·6	59·6	56·5	·468	·325	·296	·392	·421	·449	95	43	35	77	67	96	„	0	0	0	0	*b.* ⌓	*b.*	*b.* ⌓
24	53·4	57·4	58·2	54·3	56·7	52·5	·369	·353	·291	·376	368	·371	80	54	36	78	64	88	„	2	4	3	2	C. Cs. *c.* ⌓	C. Cs. *c.*	C. *c*
25	53·3	58·7	58·5	56·0	57·0	52·1	·372	·387	·283	·430	·382	·358	82	59	34	91	67	84	„	2	3	1	0	C. Cs. *c.* ⌓	C. Cs. *c.*	*b.* ⌓
26	52·4	59·1	62·2	59·6	58·4	51·8	·386	·397	·372	·435	·420	·386	95	60	41	69	73	100	„	1	0	2	0	C. Cs. *c.* ⌓ ≡	C. *c. b.*	*b.*
27	60·3	60·2	58·5	55·3	60·5	57·8	·497	·374	·256	·392	·449	·455	88	48	28	78	71	89	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
28	51·5	53·2	54·9	52·4	55·2	50·7	·372	·215	·189	·369	·355	·365	94	31	23	87	67	96	„	0	0	2	0	*b.* ⌓	C. *c. b.*	*b.* ⌓
29	48·5	55·6	55·4	52·2	53·8	47·1	·333	·327	·228	·372	·338	·319	95	54	29	89	69	97	„	0	0	0	0	*b.* ⌓	*b.*	*b.* ⌓
30	51·1	55·8	58·6	55·0	55·8	49·1	·351	·310	·321	·402	·376	·329	87	48	42	85	70	89	„	0	0	0	0	*b.* ⌓	*b.*	*b.* ⌓
31	52·8	60·2	62·6	57·4	58·6	52·3	·381	·450	·415	·460	·436	·387	90	71	50	94	76	96	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
Mean	57·2	62·3	63·0	60·2	61·3	56·3	·461	·459	·402	·500	·478	·452	94	61	44	88	74	97	Total 0·03	1·13	1·19	1·35	0·10	...	...	...

Hourly means and totals of the chief Meteorological elements, recorded

CALCUTTA—JANUARY 1890.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·594	62·4	59·8	0·487	85	0·52	1	14	4	0	0	2	18	2	8	9	The following have been obtained by interpolation: Barometer, 16h. and 17h. The following are imperfect: Anemograph.—8h. and 12h.
1	·947	61·7	59·2	·478	86	0·02	1	15	5	0	0	4	15	1	4·5	7	
2	·938	61·0	58·7	·468	86	*Nil*	*Nil*	17	4	0	0	6	7·5	1	6·5	7	
3	·927	60·7	58·3	·461	86	„	„	21	4	0	3	4	7	5·5	9	4	
4	·923	60·4	58·0	·455	86	„	„	13	5	0	2	4	7·5	10·5	8	5	
5	·926	59·9	57·6	·452	86	„	„	16	5·5	0	1	1	2	7·5	8·5	6	
6	·943	59·5	57·2	·445	86	„	„	17	5·5	0	1	0	2	4·5	6	8	
7	·965	59·3	57·0	·442	87	„	„	18	3	3	1	1	6	2	6·5	6	
8	·991	60·9	58·3	·459	85	„	„	24	4	5	2	2	14	6·5	10·5	6	
9	30·012	65·0	60·7	·449	77	„	„	33·5	9	3	3	5	27	17	17	1	
10	·021	68·1	62·1	·483	69	„	„	43	13	0	1	7	37	20	27·5	0	
11	·002	71·0	63·1	·478	62	„	„	33	12	5	0	7	45	17	41	0	
Noon	29·973	72·8	63·1	·456	56	„	„	39	0	0	0	0	45	33	45	0	
13	·934	74·2	63·5	·452	52	„	„	47	0	0	0	7	45	33	49	0	
14	·909	75·1	63·2	·429	42	„	„	37	4	0	0	6	27	32	41	0	
15	·890	75·6	63·8	·431	48	„	„	41	3	0	0	7	24	24	41	0	
16	·887	75·4	63·5	·433	49	„	„	38	2	0	0	7	12	16	23·5	1	
17	·894	73·9	63·9	·467	55	„	„	15	2	0	0	8	10	5	8	6	
18	·910	70·0	63·5	·505	68	„	„	7·5	2·5	0	0	6	15·5	9	6	6	
19	·925	67·3	62·5	·507	75	„	„	7·5	2·5	0	0	14	8·5	4	5	8	
20	·947	65·8	61·8	·500	78	„	„	10	1	0	0	10	20·5	2	4	7	
21	·960	64·6	61·1	·498	81	„	„	12	3	0	0	13	22	1·5	4	5	
22	·968	63·9	60·7	·495	82	„	„	8	5	0	0	12	14	2	3	8	
23	·963	63·1	60·3	·492	85	0·22	1	9	5	0	0	2	14	6	7·5	9	

* In the hour preceding that indicated in column 1.

by the autographic instruments at the Alipore Observatory.

CALCUTTA—FEBRUARY 1890.

Hours.	Barometer reduced to 32° Fah. Inches.	TEMPERATURE.		Computed vapour tension. Inches.	Relative humidity. %	RAINFALL.*		TOTAL MILES OF WIND.*								Hours calm.	REMARKS.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·957	65·4	62·2	0·529	83	*Nil*	*Nil*	3	1	0	2	26	2·5	8	0	4	The following are imperfect: Thermometer—6h. and 23h.
1	·949	64·9	62·0	·530	84	„	„	8	4	2	1·5	14	29	14	1	1	
2	·940	64·5	61·8	·529	85	„	„	5	1	1	2·5	4	32·5	12	4	3	
3	·930	64·0	61·6	·529	87	„	„	3·5	1	1	5	2	35·5	9	3	5	
4	·928	63·6	61·3	·523	87	„	„	6	4·5	0	1	6·5	19	6	7	0	
5	·933	63·3	60·9	·510	86	„	„	4	4	0	1	8·5	14	11	6·5	2	
6	·949	62·9	60·4	·504	86	„	„	14	9	0	1	2	11	7	9	5	
7	·971	62·6	60·1	·498	86	„	„	7·5	6	0	1	2·5	13	7	7	8	
8	·994	64·7	61·5	·514	83	„	„	10	13	2	1	5·5	23	5	4	1	
9	30·015	69·3	63·0	·503	69	„	„	17	27	2	1	5	42	12	4	1	
10	·025	72·8	63·8	·481	59	„	„	20	30	6	2	6	53	8	6	0	
11	·013	76·0	64·1	·448	49	„	„	34	10	6	2	3	46	19	13	0	
Noon	29·989	77·9	64·0	·422	43	„	„	39	13	1	2	0	44	22	34	0	
13	·951	79·6	64·6	·418	41	„	„	31	8	2	0	1	47	25	25	0	
14	·920	80·5	64·7	·408	38	„	„	33	4	0	0	3	42	20	37	0	
15	·895	81·3	65·1	·409	38	„	„	23	3	0	0	14	40	16	29	0	
16	·887	81·1	65·1	·418	38	„	„	17	2	1	2	18	31·5	13	12	0	
17	·887	80·0	65·6	·453	43	„	„	10	1	0	0·5	13	20·5	6·5	4·5	1	
18	·897	76·1	65·7	·507	55	„	„	6·5	1	0	0·5	13	16·5	5	2·5	3	
19	·910	72·1	64·3	·506	63	„	„	5·5	1	0	1	14	26·5	8·5	2·5	5	
20	·934	70·3	63·7	·511	68	„	„	3·5	1	2	2	16	27	5·5	2	4	
21	·950	68·9	63·5	·523	73	„	„	2·5	1	0	6	23	31	6	3·5	4	
22	·959	67·8	63·1	·525	76	„	„	6	1	1	6	19	25	2·5	2	6	
23	·957	66·7	62·8	·532	80	„	„	4	1	2	4	21	23	6	2	3	

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* In the hour preceding that indicated in column 1.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·814	76·7	73·0	0·775	84	0·06	2	0	0	2	2	35·5	49	5	0	2	The following have been obtained by interpolation: Barometer.—15h. Thermometer (wet bulb)—23h. The following are deficient: Thermometer (wet bulb)—6h.
1	·799	76·2	72·9	·776	85	0·01	1	3	0	1	1	32	47	11	1	2	
2	·789	75·7	72·7	·774	86	0·01	1	2	0	0	0	16	59	7	0	7	
3	·776	75·4	72·5	·771	87	*Nil*	*Nil*	2	0	0	0	14·5	44	12	9	4	
4	·775	75·0	72·3	·768	88	,,	,,	2	0	0	0	12	48·5	8	7	6	
5	·786	74·8	72·3	·771	88	,,	,,	1	0	0	0·5	14	37	12	5·5	4	
6	·807	74·4	72·0	·763	89	,,	,,	5	2	1	0·5	10	30·5	9	9·5	7	
7	·832	74·9	72·1	·756	87	,,	,,	6	4	0	1	10	40	22	11	4	
8	·858	77·1	73·2	·777	83	,,	,,	5	12	2	2	22	77	25	8	1	
9	·873	80·0	73·8	·759	73	,,	,,	10	14	3	3	12	89	22	15	1	
10	·881	82·5	73·4	·710	64	,,	,,	26	9	0	0	14	74	36	20	0	
11	·868	85·0	72·8	·650	55	,,	,,	12	22	0	3	23	63	33	12	0	
Noon	·845	86·7	72·7	·624	50	,,	,,	6	13	8	0	23	83	39	17	0	
13	·808	88·4	72·8	·605	46	,,	,,	4	3	10	2	25	71	49	13	0	
14	·780	89·3	72·7	·590	43	,,	,,	0	2	4	1	35	73	50	20	0	
15	·749	90·1	72·9	·586	42	,,	,,	4	0	0	7	27	86	44	14	0	
16	·739	90·1	73·0	·593	43	,,	,,	4	0	0	11	39	61	29	15	0	
17	·737	88·8	73·0	·609	46	0·18	1	7	7	0	9	46	38	9	9	3	
18	·746	85·5	73·7	·682	56	*Nil*	*Nil*	4	4	0	8	59	47	6	5	5	
19	·763	82·4	74·0	·737	66	,,	,,	10	1	1	7	78	56	1	1	3	
20	·787	80·6	74·4	·779	74	,,	,,	1	2	3	4	90	47	4	3	0	
21	·807	79·6	74·7	·808	79	,,	,,	0	0	2	4	79	44	6	1	1	
22	·821	78·9	74·6	·810	81	,,	,,	1	1	0	0·5	68	75	2	2	0	
23	·815	77·9	74·1	·801	83	0·03	2	4	0	0	2·5	38	61	4	4	2	

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* In the hour preceding that indicated in column 1.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·747	81·7	77·2	0·881	81	0·02	1	0	0	2	4	49	65·5	3	0	5	The following have been obtained by interpolation: Thermometer—4h., 12h., 13h., 15h., 21h. and 23h. Thermometer (wet bulb)—12h., 13h., 21h. and 23h. The means of the thermograph results are of 27 days, on account of the clock stopping and being under repairs.
1	·734	81·2	77·2	·886	83	*Nil*	*Nil*	2	4	4	6	45	56	2	0	1	
2	·728	81·0	76·9	·874	82	"	"	0	1	7	11	42·5	53	1	0	3	
3	·716	80·6	76·8	·875	83	"	"	0	1	4	11	53	57	2	0	2	
4	·718	80·3	76·6	·873	84	"	"	1	0	5	15	21	67	0	0	5	
5	·727	80·6	76·6	·876	85	"	"	0	0	7	19	26	64	1	1	6	
6	·745	79·9	76·5	·870	85	"	"	0	0	4	14	28·5	58	4	3	5	
7	·768	81·6	77·2	·882	81	"	"	0	0	5	19	69	89	5	6	2	
8	·791	83·9	78·2	·894	77	"	"	0	3	7	10	84·5	135	8	5	0	
9	·800	86·5	79·0	·892	70	"	"	0	0	7	8	115	140	6	6	0	
10	·803	88·5	79·4	·885	66	"	"	0	2	1	5	104	139	14	8	0	
11	·788	90·7	79·6	·865	60	"	"	0	4	2	1	92	137	20	10	0	
Noon	·771	92·2	79·5	·878	56	"	"	1	3	2	5	120	117	16	9	0	
13	·738	93·5	79·4	·820	52	"	"	2	2	0	6	120	108	30	5	0	
14	·710	94·3	79·3	·801	50	"	"	2	2	0	0	131	94	21	10	0	
15	·679	94·5	79·3	·800	50	"	"	0	2	6	19	118	86	15	12	0	
16	·664	93·5	79·1	·808	52	0·46	2	0	2	12	20	108	110	10	0	0	
17	·658	90·9	79·3	·844	59	*Nil*	*Nil*	1	2	10	19	128	84	0	0	2	
18	·675	88·5	78·7	·853	64	0·19	1	0	8	6	15·5	105	59	0	0	2	
19	·697	86·0	78·3	·871	70	0·25	1	0	0	15	24	106	53	0	0	3	
20	·721	84·3	77·7	·865	73	*Nil*	*Nil*	0	5	10	24·5	111	50	0	0	0	
21	·743	83·3	77·7	·880	77	"	"	2	3	2	21	98	46	0	2	1	
22	·758	82·7	77·4	·869	78	"	"	0	0	3	9	104	49	0	1	2	
23	·753	82·2	77·2	·871	79	0·01	1	0	0	2	7	83	50	0	0	0	

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* In the hour preceding that indicated in column 1.

CALCUTTA—MAY 1890.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·653	81·8	78·2	0·922	84	0·06	1	5	10	12	17·5	54	53	0	0	1	No interpolated values. Registers complete.
1	·632	81·5	78·1	·926	85	0·01	1	0	4	13	21	40	43	0	0	1	
2	·623	81·2	78·0	·920	86	*Nil*	*Nil*	0	2	2	27·5	50	28·5	0	0	3	
3	·616	80·9	77·9	·919	86	0·01	1	1	2	1	24	33	36	0	0	3	
4	·623	80·7	77·8	·919	87	*Nil*	*Nil*	0	2	4	26	29	22	5	5	4	
5	·631	80·5	77·8	·920	88	"	"	3	0	9	19	27·5	27	0	6	1	
6	·650	80·7	78·0	·926	88	"	"	6	11	11	13	35	21	0	6	1	
7	·672	82·9	79·0	·942	83	"	"	3	12	26	6	67	61	0	2	1	
8	·690	85·3	79·8	·949	78	"	"	4	8	31	12	68	78	3	1	0	
9	·697	87·8	80·4	·938	72	0·01	1	0	11	31	18	72	95	0	0	0	
10	·698	89·7	80·9	·940	68	0·17	1	0	6	27	28	73	87	1	0	0	
11	·687	91·3	81·3	·939	64	*Nil*	*Nil*	5	11	14	29	80	72	10	2	0	
Noon	·672	92·5	81·3	·922	61	"	"	0	10	15	17	102	88	15	0	0	
13	·644	93·8	81·4	·907	58	"	"	0	9	14	6	112	91	16	1	0	
14	·619	94·4	81·1	·888	55	0·05	1	0	19	9	10	98	91	16	0	0	
15	·589	94·6	80·8	·872	54	0·06	1	0	10	17	35	112	83	11	3	0	
16	·570	93·1	80·7	·888	58	0·08	1	0	11	23	21	125	74	5	0	0	
17	·566	91·3	80·6	·905	62	0·18	1	0	7	36	32	106	43	0	0	1	
18	·577	89·0	80·0	·908	67	*Nil*	*Nil*	2	0	22	56	91	29	0	3	0	
19	·598	86·9	79·7	·919	72	0·01	1	0	0	5	44	99	32	9	0	1	
20	·627	85·7	79·8	·943	76	0·32	4	6	4	1	34	117	21	5	4	0	
21	·654	84·1	79·7	·947	80	3·26	7	6	9	9	45	91	26	16	24	0	
22	·669	82·5	78·5	·929	83	0·91	6	0	2	8	37	78	55	20	0	0	
23	·659	82·3	78·5	·930	84	0·01	1	5	10	6	26	85	38	4	0	0	

*In the hour preceding that indicated in column 1.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·576	81·8	79·4	0·972	89	0·05	2	0	0	10	37	48	43	5	0	3	The following have been obtained by interpolation: Thermometer (dry bulb) Midnight, 1h. and 10h. Thermometer (wet bulb) Midnight, 1h, 10h. and 11h.
1	·553	81·6	79·3	·970	90	0·24	5	0	0	10	28	56	44	0	0	3	
2	·545	81·6	79·3	·968	90	0·14	3	0	0	16	23	53	40·5	7	0	3	
3	·537	81·4	79·2	·970	90	0·45	3	0	0	8	21	52	48·5	7	0	2	
4	·542	81·4	79·3	·974	91	1·50	5	0	0	8	23	63	48	0	0	4	
5	·542	81·1	79·1	·970	91	0·62	4	0	1	15	15	38	48	6	0	2	
6	·556	81·2	79·2	·973	91	0·46	3	0	1	23	8	54	36	7	0	2	
7	·571	82·7	80·0	·993	88	0·70	3	0	0	37	13	56	64	13	0	3	
8	·581	84·4	80·8	1·008	85	0·27	2	0	2	35	14	73	81	7	0	0	
9	·588	86·2	81·5	1·015	81	0·24	3	0	10	24	17	73	112	5	0	0	
10	·591	87·3	81·6	1·000	78	0·14	2	0	0	32	15	82	127	5	0	0	
11	·582	88·3	81·9	1·002	75	1·25	6	0	6	11	29	85	101	15	10	0	
Noon	·570	88·0	81·6	0·998	76	0·33	7	0	4	25	29	88	92	15	2	0	
13	·545	88·6	82·1	1·009	75	0·59	5	0	4	26	46	81	80	10	0	0	
14	·525	88·3	81·9	1·006	76	1·06	5	0	5	21	35	77	73	11	0	0	
15	·506	87·7	81·6	1·001	77	0·77	7	0	4	15	37	85	63	5	9	1	
16	·495	87·0	81·3	0·996	78	0·66	8	1	4	6	39	65	53·5	3	15	0	
17	·492	86·3	81·2	·997	80	0·30	5	0	0	12	33	83·5	59	10	5	1	
18	·504	85·4	80·7	·987	81	0·29	5	0	2	6	25	69	49	8	0	2	
19	·523	84·1	80·4	·974	83	0·44	3	0	0	6	26	74	44	0	0	4	
20	·550	83·5	80·1	·983	86	0·30	2	0	2	3	23	75	41	2	0	3	
21	·562	83·1	80·1	·990	87	0·06	3	0	0	1	19	79	33·5	5	6	6	
22	·578	82·5	79·5	·972	87	1·18	3	4	0	7	24	78	35	0		4	
23	·580	81·6	79·2	·965	89	1·08	2	0	4	8	28	54·5	34	9	0	3	

* In the hour preceding that indicated in column 1.

Hours.	Barometer reduced to 32° Fah. Inches.	TEMPERATURE.		Computed vapour tension. Inches.	Relative humidity. %	RAINFALL.*		TOTAL MILES OF WIND.*								Hours calm.	REMARKS.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·553	81·2	78·8	0·952	90	0·64	5	0	8	9	9	20	25	4	0	6	No interpolated values. Registers complete.
1	·532	80·9	78·7	·954	90	0·10	4	0	11	10	7·5	21	30·5	7	0	7	
2	·522	80·8	78·7	·953	91	0·01	1	0	6	18	10	21	29·5	2	0	6	
3	·513	80·7	78·6	·953	91	0·24	1	0	5	10	16·5	11	42·5	4	0	5	
4	·514	80·6	78·6	·951	91	*Nil*	*Nil*	0	6	13	13·5	6·5	33·5	7	0	4	
5	·515	80·4	78·4	·948	91	0·05	3	0	8	19	14·5	1	44·5	9·5	0	7	
6	·529	80·5	78·4	·948	91	0·29	2	0	13	13	11·5	7	36	7·5	1	7	
7	·545	81·4	78·9	·958	89	0·10	4	0	5	24	20	14·5	49	7	1	1	
8	·559	82·5	79·4	·965	87	0·17	4	0	9	29	19·5	18	81	16	0	0	
9	·570	83·3	79·6	·964	84	0·05	3	0	9	26	22	19·5	97	13	4	0	
10	·573	84·2	80·0	·972	83	0·01	1	1	13	22	13	22	79·5	21	3	0	
11	·566	85·2	80·3	·969	80	0·03	2	0	11	24	10	28	83·5	31	4	0	
Noon	·554	85·7	80·4	·970	79	0·62	5	0	11	25	20	48	76	27	6	0	
13	·533	85·8	80·5	·973	79	0·76	6	0	12	20	21	39	95	17	1	0	
14	·516	85·6	80·6	·978	80	0·95	6	0	11	19	18	49	92	7·5	0	0	
15	·496	85·3	80·4	·975	80	0·16	3	0	12	16	14	53	66·5	8·5	0	1	
16	·485	85·2	80·3	·972	80	0·29	4	0	5	25	19·5	49·5	66·5	5	0	1	
17	·479	84·6	80·2	·976	82	1·43	5	0	1	24	12·5	56	36	1	0	0	
18	·490	83·9	80·0	·973	84	1·34	5	0	0	22	11·5	47	36	5	0	4	
19	·509	82·5	79·3	·961	86	0·03	3	0	0	11	7·5	41	18	1	2	5	
20	·531	82·1	79·2	·961	87	0·11	2	0	7	10	16	37	33	1	1	1	
21	·550	81·8	79·2	·962	88	0·26	4	0	0	16	13·5	31·5	26·5	2	0	3	
22	·566	81·7	79·1	·961	89	1·56	6	0	0	17	11·5	27	30·5	2	0	3	
23	·565	81·3	78·7	·964	90	0·85	6	0	7	10	10	29	38	1	0	4	

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* In the hour preceding that indicated in column 1.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·648	80·7	78·7	0·958	91	0·15	4	0	0	1	7·5	20	5	0	0	14	
1	·632	80·6	78·7	·958	91	0·30	2	0	0	3	7	21·5	8·5	0	0	11	
2	·621	80·5	78·7	·960	92	0·08	3	0	0	2	11	8·5	14·5	0	0	17	
3	·608	80·2	78·5	·953	92	0·02	1	0	0	2·5	11·5	8·5	15	0	0	13	
4	·608	80·0	78·4	·952	93	0·01	1	0	1	1	7	7	5·5	0	0	15	The thermograph trace of 3rd to 5th was too faint to be measured, therefore its results were lost.
5	·611	80·0	78·3	·948	93	0·18	1	0	0	4	3	7	5	0	0	17	
6	·626	80·0	78·5	·955	93	0·55	3	0	2	8	15	11·5	6·5	2	0	6	
7	·641	81·2	79·1	·970	91	0·72	3	0	3	6	23	38	19·5	0	0	1	
8	·659	82·4	79·6	·978	88	0·02	1	0	3	20	21	40	36	0	0	0	
9	·669	83·5	80·0	·977	85	0·44	4	0	0	26	20·5	46	50·5	5	0	0	
10	·673	84·1	80·2	·979	84	0·99	4	0	4	19	14·5	51	53	3·5	1	1	
11	·664	84·7	80·5	·984	82	0·14	2	0	5	21	11	71	48	5	0	0	
Noon	·650	85·5	80·6	·979	80	0·75	2	0	10	21	25	72	62	5	0	0	
13	·626	85·5	80·6	·982	80	0·71	5	0	0	21	28	50	43	9·5	0	1	
14	·610	85·3	80·5	·978	81	1·56	4	1	2	10	34	56	38·5	11	7	0	
15	·587	85·4	80·6	·982	81	0·51	6	0	3	9	28	71	30	2	0	1	
16	·576	84·8	80·3	·978	82	0·95	5	0·5	0	6	38	57·5	28	0	0	1	
17	·570	83·8	80·0	·977	84	0·03	2	0	0·5	4	18	52·5	18	0	0	3	
18	·581	83·1	79·7	·970	85	0·11	3	0	0	0	12	41·5	18	0	0	9	
19	·597	82·1	79·2	·960	87	0·06	2	0	0	0	6	21·5	13	2	0	9	
20	·626	81·8	79·1	·960	88	0·28	3	0	0	0	10	31	12·5	0·5	0	8	
21	·645	81·5	79·0	·958	89	0·26	1	0	0	0	12·5	23	10	0	0	10	
22	·660	81·2	78·9	·957	90	0·02	1	0	0	1	9·5	36	6	1	0	8	
23	·657	81·0	78·8	·958	91	0·01	1	0	0	2	7	23	6	0	0	12	

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* In the hour preceding that indicated in column 1.

CALCUTTA—SEPTEMBER 1890.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·711	80·7	79·0	0·966	92	*Nil*	*Nil*	0	0	27	8	8·5	4	0	0	12	No interpolated values. Registers complete.
1	·697	80·5	78·8	·966	92	0·40	1	0	2	18	10	10·5	2	0	0	12	
2	·690	80·4	78·8	·965	93	1·00	2	1	3	23	5	5	5·5	4	0	15	
3	·676	80·1	78·5	·956	93	2·05	2	0	2	34	5·5	14	11	0	0	13	
4	·675	79·9	78·3	·950	93	0·58	3	0	2·5	31	3	6	5	0	6	12	
5	·681	79·9	78·3	·951	93	0·06	3	0	2·5	29	9·5	6	2	0	0	12	
6	·695	79·8	78·3	·952	93	0·14	3	3	9	32	16	10	6	0	0	7	
7	·714	81·2	79·2	·974	91	0·13	2	0	11	36	36	15·5	13	1	0	1	
8	·733	82·6	79·6	·973	87	0·50	3	0	13	38	36·5	9	20	2	0	2	
9	·745	83·6	79·8	·971	84	0·92	2	0	7	37	37·5	17	17	1	0	1	
10	·747	84·6	80·1	·969	81	0·73	4	0	5	50	42	15	22	3	0	1	
11	·734	85·3	80·2	·968	80	0·69	3	0	7	57	42	22	20	4	0	1	
Noon	·716	85·9	80·5	·970	78	0·28	4	0	0	60	53	17	38	7	0	1	
13	·686	85·9	80·4	·968	78	0·70	5	0	7	52	34	25	43	4	0	1	
14	·664	85·7	80·3	·965	79	1·08	4	0	1	48	38	36	17	0	0	2	
15	·642	84·9	80·0	·962	80	0·63	3	0	0	41	52	23	6	0	4	2	
16	·639	84·6	80·0	·964	81	0·32	4	0	0	37	38	16	3·5	0	0	4	
17	·638	83·7	80·0	·976	84	0·31	4	0	0	24	25	16	0·5	0	0	11	
18	·653	82·7	79·9	·986	88	0·21	2	0	0	11	26	9	0	0	0	12	
19	·670	81·9	79·5	·980	90	0·40	3	0	0	12	23	14	2	0	0	10	
20	·697	81·6	79·3	·974	90	0·11	3	0	0	18	23·5	15	2	0	0	8	
21	·714	81·4	79·1	·969	90	0·43	1	0	0	17	29	14·5	2	0	0	7	
22	·722	81·2	79·1	·969	91	0·02	1	0	0	23	16	12	5	0	0	8	
23	·718	80·9	79·1	·970	91	0·23	1	0	0	19	17	8	7	0	0	13	

* In the hour preceding that indicated in column 1

CALCUTTA—OCTOBER 1890.

Hours.	Barometer reduced to 32° Fah Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	29·852	77·1	75·4	0·861	92	0·04	1	4	2	8	5	0	2	0	2	19	No interpolated values Registers complete.
1	·839	76·8	75·2	·857	93	0·11	1	4	0	2	12	1	1	2	2	23	
2	·833	76·6	75·1	·854	93	0·11	1	4	0·5	3	6	0·5	1	2	3	22	
3	·825	76·5	75·0	·852	93	0·12	1	2	6·5	3	10	0·5	1	0	3	23	
4	·824	76·3	74·9	·851	93	0·36	3	3	5·5	9	7	2	1	0	3	23	
5	·831	76·1	74·7	·846	93	0·62	3	3	3	2	12	1	0	0	4	25	
6	·846	76·0	74·6	·843	93	0·58	3	3	4	5	11	1	1	1	3	23	
7	·865	76·9	75·4	·863	93	0·25	3	10	0	18	11	5	15	6	7	15	
8	·886	78·7	76·1	·868	88	0·73	3	14	2	14	9	6	21	8	7	8	
9	·899	80·5	76·2	·853	82	0·37	2	31·5	6	22	15	4	17	4	9	1	
10	·901	81·4	76·2	·841	78	0·33	4	24	10	22	13	2	22	5	14	0	
11	·883	82·2	76·3	·831	76	0·43	6	24	4	22	14	0	16	1	21	3	
Noon	·859	82·6	76·2	·821	74	1·66	5	24	19	27	27	5	18	7	26	0	
13	·828	82·9	76·0	·811	72	0·68	4	32	8	37	22	6	18	6	19	2	
14	·809	83·4	76·0	·807	71	0·18	3	19	7	24	21	9	13	8	22	2	
15	·793	83·3	76·1	·807	71	0·11	4	12·5	5	16	13	8	9	10	14	2	
16	·788	82·8	76·1	·812	73	*Nil*	*Nil*	6	4·5	7	14·5	3	10	6	13	7	
17	·797	81·7	76·6	·853	79	1·17	2	0·5	0·5	1	12·5	8	6	0	7	17	
18	·810	79·6	76·4	·891	86	0·42	3	4·5	0	1	11	0	2	0	10	22	
19	·828	78·4	75·9	·865	89	0·05	1	3	2	3	12	1	2	0	2	23	
20	·850	78·0	75·7	·862	89	0·01	1	1	1	5	16·5	3	2	0	4	19	
21	·861	77·5	75·3	·851	90	0·04	1	2	0	10	10	2	1	0	2	20	
22	·863	77·2	75·1	·847	90	0·02	1	5	1	2	10	0	0·5	0	2	20	
23	·859	77·0	75·1	·851	91	0·04	1	3	1·5	9	11·5	0	2·5	0	2	20	

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* In the hour preceding that indicated in column 1.

CALCUTTA—NOVEMBER 1890.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	30·001	67·7	65·5	0·604	88	*Nil*	*Nil*	2	0	1	0	0	0	0	1	25	No interpolated values. Registers complete.
1	29·991	67·2	65·1	·599	89	„	„	3·5	0	0	0	0	0	0	1·5	24	
2	·985	66·8	64·8	·593	89	„	„	0	4·5	2	0	0	0	0	3·5	23	
3	·978	66·5	64·5	·587	90	„	„	6	2	1	0	0	0	1	2	24	
4	·978	66·2	64·3	·583	90	„	„	2·5	2	0	0	1	0	0·5	3	20	
5	·984	65·9	64·1	·581	90	„	„	2·5	2	0·5	0	0	0	1·5	3	18	
6	30·000	65·6	63·8	·574	90	„	„	3·5	1·5	1	0	0	0	0·5	2	19	
7	·019	66·3	64·2	·581	89	„	„	5	5·5	2	1	1	1	1	2	14	
8	·042	69·2	65·8	·596	83	„	„	11·5	20	9	2	0	0	2	6·5	7	
9	·060	72·5	67·1	·597	75	„	„	26	24·5	16	1	0	3	2	2·5	3	
10	·059	74·7	67·5	·582	67	„	„	37	34·5	19	1	0	4	2	7	0	
11	·039	76·5	67·8	·568	62	„	„	34	38	7	3	0	1	2	8	0	
Noon	·013	77·4	67·8	·557	59	„	„	47	24·5	12	1	1	2	4	18	1	
13	29·978	78·3	68·1	·553	57	„	„	38·5	19	6	0	1	2	4	22	1	
14	·954	78·6	68·2	·555	57	„	„	32	17	11	0	0	5	4	23	1	
15	·940	78·8	68·4	·558	57	„	„	33	9	3	2·5	1	3	5	11	3	
16	·943	78·3	68·2	·560	57	„	„	15	5	1	4	0	0·5	1	5	11	
17	·948	76·1	69·0	·615	68	„	„	3	0	0	4	0	0	0·5	1	24	
18	·961	72·7	68·3	·638	79	„	„	1·5	0	0	0·5	0	0	0·5	1	25	
19	·980	70·9	67·6	·637	84	„	„	1	0	0·5	0·5	0	0	0·5	1·5	24	
20	·999	70·0	67·1	·629	85	„	„	8	0	0	0	0	0	0·5	2	24	
21	30·010	69·2	66·5	·620	86	„	„	3·5	0	0	0	0	0	0·5	2	25	
22	·016	68·6	66·0	·610	87	„	„	2	0	0	0	0	0	2	2	23	
23	·009	67·7	65·4	·602	88	„	„	4	0	0·5	0	0	0	0	2·5	21	

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* In the hour preceding that indicated in column 1.

Hours.	Barometer reduced to 32° Fah. Inches.	Temperature.		Computed vapour tension. Inches.	Relative humidity. %	Rainfall.*		Total miles of wind.*								Hours calm.	Remarks.
		Air. °	Evaporation. °			Inches.	No. of falls.	N	NE	E	SE	S	SW	W	NW		
Midn.	30·011	62·3	59·9	0·491	86	*Nil*	*Nil*	0	1	0	0	2	3	0	1	26	No interpolated values. Registers complete.
1	·004	61·6	59·5	·486	88	„	„	0·5	0·5	0	0	1	3·5	0	2	23	
2	29·996	61·4	59·3	·483	88	„	„	0·5	2·5	0	0	0	2·5	0	0	24	
3	·985	60·9	58·8	·476	88	„	„	0	0·5	0	0	0	3	0	0	29	
4	·987	60·5	58·6	·472	88	„	„	1	2	0	0	0	1	1	0	25	
5	·989	60·1	58·2	·465	88	„	„	1·5	3	0	0	0	0	3	0	25	
6	30·006	59·9	57·9	·459	88	„	„	2·5	6·5	0	0	0	0	1	3	18	
7	·029	60·3	58·0	·458	87	„	„	6·5	2	4	0	0	2	0	2	18	
8	·057	62·6	59·7	·481	84	„	„	14	12	1	2	1	1	0	5	14	
9	·079	66·4	61·4	·482	73	„	„	20	23·5	4	1	1	9	3	7	5	
10	·080	69·2	62·5	·482	67	„	„	35	15	14	1	0	17	4	17	2	
11	·061	71·8	63·0	·463	59	„	„	34	13	4	0	2	11	13	35	3	
Noon	·031	73·4	63·4	·456	55	„	„	41	5	4	1	0	3	21	55	2	
13	29·990	74·9	64·0	·454	52	„	„	31	4	2	0	0	3	27	44	0	
14	·966	75·5	64·0	·445	50	„	„	29	5	0·5	0	0	4	31	40	0	
15	·949	76·0	64·0	·440	49	„	„	24·5	5·5	0	0	0	2	16	54	1	
16	·953	75·5	63·8	·438	49	„	„	9·5	5	0	0	0	1	3	18	12	
17	·056	73·0	64·5	·498	61	„	„	1	2	0	0	0	0	0	1	27	
18	·972	69·0	63·5	·515	72	„	„	0·5	0	0	0	0	0	0	0	30	
19	·991	66·0	62·5	·514	78	„	„	0	2	1	0	1	1	1	0	28	
20	30·010	65·3	61·8	·508	81	„	„	0	0·5	1	0	0	4	0	1	25	
21	·021	64·2	61·3	·508	84	„	„	0	0	0	0	1	4	0	0	28	
22	·027	63·6	60·8	·503	85	„	„	0	1	0	0	1	3	0	1	25	
23	·022	62·7	60·3	·497	86	„	„	1	2	0	0	0	1	0	0	29	

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* In the hour preceding that indicated in column 1.

ALLAHABAD—

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·607	29·694	29·551	29·627	29·613	52·1	65·1	74·9	57·5	62·1	76·9	47·7	29·2	10·0	134·4	57·5	39·0	8·7	W	WNW	W	NW	154·4
2	·632	·731	·618	·701	·663	52·9	62·0	74·5	51·8	60·0	76·8	49·6	27·2	9·2	134·8	58·0	38·1	11·5	W	W	NW	Calm	117·5
3	·697	·784	·655	·741	·712	45·2	62·8	72·9	56·1	58·9	74·3	43·3	31·0	8·7	131·0	56·7	33·8	9·5	NW	Calm	NNW	Calm	23·3
4	·718	·811	·664	·723	·722	49·1	66·6	74·9	58·0	61·9	76·3	47·0	29·3	9·2	132·4	56·1	38·2	8·8	Calm	Calm	S	S	63·4
5	·702	·756	·637	·703	·693	51·1	66·8	74·7	57·6	62·3	76·4	49·4	27·0	9·3	133·4	57·0	40·0	9·4	Calm	W	NW	Calm	42·6
6	·707	·787	·675	·755	·724	50·9	63·7	75·1	56·9	61·3	76·5	48·6	27·9	9·3	133·4	56·9	40·1	8·5	Calm	WNW	NW	Calm	44·8
7	·746	·805	·683	·730	·734	47·9	66·1	76·7	54·1	60·9	78·3	45·7	32·6	9·5	136·6	58·3	35·1	10·6	NW	WNW	W	W	70·5
8	·707	·768	·616	·698	·690	45·2	65·1	77·7	54·2	60·3	79·2	43·4	35·8	10·1	137·4	58·2	31·1	12·3	Calm	NW	WNW	Calm	73·6
9	·709	·787	·687	·751	·727	47·6	66·1	77·4	57·0	61·7	79·2	44·7	34·5	9·8	137·2	58·0	33·1	11·6	WNW	E	ESE	Calm	33·2
10	·709	·757	·616	·696	·687	47·1	67·1	76·6	56·8	61·6	76·7	45·6	31·1	9·4	135·2	58·5	34·1	11·5	Calm	Calm	N	Calm	26·4
11	·666	·733	·631	·679	·670	49·1	67·1	76·2	57·0	62·1	77·0	46·7	30·3	8·5	136·6	59·6	36·8	9·9	Calm	NE	N	Calm	18·5
12	·666	·735	·613	·657	·661	48·1	66·1	79·2	59·0	62·8	80·2	45·2	35·0	9·2	136·6	56·4	36·1	9·1	Calm	SE	WNW	Calm	21·9
13	·662	·729	·596	·660	·655	50·1	70·9	81·3	60·8	65·5	82·8	47·9	34·9	9·5	139·9	57·1	38·0	9·9	Calm	Calm	NW	NW	23·6
14	·667	·727	·602	·688	·664	51·3	69·1	77·7	59·9	64·2	79·4	49·5	29·9	9·9	135·2	55·8	38·1	11·4	WSW	WNW	W	WNW	98·4
15	·683	·775	·628	·681	·685	50·1	64·0	77·5	56·1	61·6	78·8	46·6	32·2	9·4	133·4	54·6	36·3	10·3	WNW	WNW	WNW	Calm	82·7
16	·678	·776	·685	·755	·717	49·4	61·7	73·2	57·5	60·1	74·3	47·7	26·6	6·9	138·0	63·7	37·1	10·6	W	W	NW	Calm	78·9
17	·722	·807	·659	·740	·725	51·0	67·0	73·2	57·5	61·9	75·3	48·7	26·6	3·0	130·8	55·5	39·1	9·6	Calm	S	SSE	Calm	30·3
18	·731	·771	·631	·656	·690	54·1	67·9	78·2	60·0	64·7	79·8	51·3	28·5	7·2	136·2	56·4	43·2	8·1	Calm	SSE	NE	Calm	53·2
19	·588	·643	·537	·610	·587	51·0	71·1	79·7	60·0	65·1	80·5	48·8	31·7	9·7	136·3	55·8	40·1	8·7	Calm	NE	NW	Calm	31·4
20	·611	·687	·573	·651	·623	52·6	67·1	78·2	61·2	64·5	79·3	50·7	28·6	9·6	136·4	57·1	43·1	7·6	W	WNW	WNW	SW	103·6
21	·641	·707	·596	·655	·643	52·1	67·8	79·2	6·22	65·0	79·6	48·6	31·0	9·9	137·3	57·7	40·8	7·8	WSW	WNW	NW	NW	62·2
22	·638	·690	·535	·566	·600	50·5	70·0	81·3	61·9	65·6	81·2	48·6	32·6	9·9	138·2	57·0	38·3	10·3	NW	SSW	NNW	SE	30·9
23	·522	·576	·443	·505	·505	53·8	68·5	81·6	67·1	67·5	83·2	51·8	31·4	8·5	137·0	53·8	42·6	9·2	SE	ESE	NW	Calm	57·9
24	·528	·619	·521	·624	·566	59·0	68·7	75·9	58·7	65·3	78·0	56·7	21·3	8·8	138·8	60·8	52·3	4·4	N	E	WNW	NW	125·4
25	·626	·703	·586	·649	·634	50·1	63·0	70·9	54·1	59·2	75·3	46·5	28·8	10·8	134·9	59·6	36·2	10·3	NW	NW	NW	W	152·7
26	·653	·736	·642	·659	·665	44·2	58·2	70·6	49·4	55·3	71·3	40·6	30·7	10·6	135·2	63·9	29·5	11·1	WNW	NW	W	WNW	150·7
27	·642	·702	·601	·667	·646	44·2	61·0	73·0	50·3	56·8	74·3	40·1	34·2	10·5	135·5	61·2	26·6	13·5	WSW	W	NNW	WNW	125·3
28	·679	·776	·679	·767	·718	41·2	60·7	71·5	48·6	55·2	73·3	37·6	35·7	10·6	136·8	63·5	24·3	13·3	NW	WNW	WNW	Calm	90·0
29	·777	·865	·760	·823	·799	40·2	63·0	74·2	51·2	56·9	75·6	36·5	39·1	10·5	138·2	62·6	23·4	13·1	NW	Calm	NW	Calm	23·1
30	·770	·831	·709	·801	·771	41·7	63·0	74·0	51·3	57·2	75·3	38·6	36·7	10·5	136·6	61·3	27·1	11·5	Calm	W	NW	NW	54·7
31	·785	·862	·724	·787	·783	42·2	67·6	73·9	51·1	58·4	76·3	39·6	36·7	10·1	148·0	71·7	26·8	12·8	NW	NW	NW	Calm	32·1
Mean	29·673	29·746	29·624	29·690	29·677	48·9	65·6	76·0	56·6	61·5	77·5	46·2	31·2	Total 288·1	136·2	58·7	36·1	10·2	...	...	...	...	67·7

JANUARY 1890.

DATE.	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.						Rainfall, Inches.	CLOUD.				CLOUD AND WEATHER INITIALS.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	*From Min.*	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	46·2	53·6	57·0	50·1	51·7	43·5	·237	·260	·229	·266	·248	·229	61	42	26	56	46	69	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
2	45·2	51·1	55·8	48·8	50·2	43·7	·201	·233	·209	·306	·237	·209	49	41	24	79	48	58	,,	0	0	0	0	*b.*	*b.*	*b.*
3	43·2	54·6	61·1	54·0	53·2	42·0	·254	·319	·383	·391	·337	·251	84	57	47	86	68	90	,,	0	0	0	0	*b.*	*b.*	*b.*
4	48·9	60·5	63·1	56·0	57·1	46·8	·345	·447	·422	·424	·410	·319	98	68	49	88	76	98	,,	0	0	0	0	*b.* ≡	*b.*	*b.*
5	50·1	60·1	62·1	56·0	57·1	49·0	·350	·432	·391	·429	·400	·343	93	65	45	90	73	97	,,	0	0	0	0	*b.* △	*b.*	*b.*
6	50·1	57·6	61·2	54·8	55·9	47·7	·353	·396	·356	·404	·377	·320	94	68	40	86	72	94	,,	0	0	0	0	*b.* △	*b.*	*b.* ≡
7	47·1	56·4	58·1	49·5	52·8	45·4	·314	·328	·238	·294	·294	·301	94	51	26	71	60	98	,,	0	0	0	0	*b.* △	*b.*	*b.*
8	42·2	53·9	58·1	50·1	51·1	40·9	·231	·269	·225	·309	·258	·224	76	43	24	73	54	79	,,	0	0	0	0	*b.* △	*b.*	*b.*
9	46·2	56·9	58·1	51·7	53·2	43·7	·296	·343	·229	·315	·296	·273	90	54	24	67	59	92	,,	0	1	0	0	*b.* △	*c. b.*	*b.*
10	45·2	58·0	61·1	54·1	54·6	44·6	·278	·365	·333	·385	·340	·283	86	55	36	83	65	92	,,	0	0	0	0	*b.* △	*b.*	*b.*
11	48·1	59·1	61·1	55·1	55·8	46·5	·324	·397	·339	·411	·368	·315	93	60	38	88	70	98	,,	1	0	7	0	*c.* ≡ △	*b. c.*	*b.*
12	47·9	60·1	62·5	55·9	56·6	44·8	·332	·441	·344	·407	·391	·292	98	68	35	82	71	97	,,	1	6	0	0	*c.* ≡	*c. b.*	*b.*
13	49·1	60·3	62·3	55·8	56·9	47·5	·336	·384	·310	·381	·353	·324	93	51	29	71	61	97	,,	0	0	0	0	≡	*b.*	*b.*
14	49·1	57·1	60·1	52·9	54·8	47·3	·321	·303	·287	·310	·305	·299	85	43	30	60	54	84	,,	0	0	1	0	*b.*	*b. c.*	*b.*
15	47·1	55·1	61·1	52·8	54·0	44·1	·285	·318	·321	·359	·321	·257	79	53	34	80	62	81	,,	0	0	2	0	*b.*	*b. c.*	*b.*
16	45·7	53·6	59·5	54·1	53·2	43·9	·260	·306	·328	·375	·317	·238	74	56	40	79	62	73	,,	5	9	2	2	C. Cs. Ck. *c.*	C. Ck. Cs. *c.*	C. *c.*
17	49·6	58·1	60·4	54·6	55·7	48·0	·339	·367	·356	·389	·363	·327	91	55	43	82	68	95	,,	9	10	10	2	C. Cs. Ck.	Cs. Ck. *o.*	C. *c.*
18	52·1	59·8	62·3	56·1	57·6	50·1	·364	·408	·351	·400	·381	·348	87	60	36	77	65	92	,,	9	0	9	0	C. Cs. Ck. *c.*	C. Cs. *b. c.*	*b.*
19	49·6	61·1	63·1	57·1	57·7	48·2	·339	·407	·358	·430	·384	·339	91	53	35	83	66	95	,,	0	1	1	0	Ck. Fk. *b. c.*	K. C. *c.*	*b.*
20	50·9	60·1	61·1	54·6	56·7	49·6	·352	·428	·312	·341	·358	·342	88	64	32	62	62	92	,,	0	0	0	0	*b.*	*b.*	*b.*
21	50·1	57·3	62·1	56·7	56·6	46·9	·336	·332	·331	·389	·347	·300	86	48	33	69	59	87	,,	0	0	0	0	*b.*	*b.*	*b.*
22	49·1	60·9	63·3	56·1	57·4	47·9	·332	·415	·343	·375	·366	·325	91	57	32	68	62	95	,,	0	0	0	0	*b.*	*b.*	*b.*
23	51·1	59·1	63·3	61·1	58·7	50·4	·341	·380	·339	·460	·380	·349	82	54	31	69	59	91	,,	0	0	2	3	*b.*	Cs. *b. c.* ∞	C. *c.*
24	56·9	62·1	57·0	52·1	57·0	55·7	·437	·471	·215	·303	·356	·432	87	67	24	61	60	94	,,	2	2	1	0	C. K. *c.*	Fk. Ck. *c.* ∞	*b.*
25	46·2	53·0	54·2	47·1	50·1	43·8	·263	·271	·201	·232	·242	·251	73	47	27	55	50	80	,,	0	0	0	0	*b.*	*b.*	*b.*
26	39·2	46·4	52·1	42·2	45·0	36·6	·176	·161	·146	·176	·165	·166	60	33	19	49	40	66	,,	0	0	0	0	*b.*	*b.*	*b.*
27	38·2	47·9	52·7	44·6	45·8	36·6	·154	·163	·131	·221	·167	·172	53	31	16	61	40	70	,,	0	0	1	0	*b.*	Ck. *b. c.*	*b.* ≡
28	36·2	48·7	51·1	43·7	44·9	33·7	·149	·186	·107	·222	·166	·144	57	35	13	64	42	65	,,	0	0	0	0	*b.* ⊔	*b.*	*b.*
29	37·2	48·1	54·1	45·1	46·1	34·7	·184	·141	·154	·222	·175	·179	74	24	18	58	44	83	,,	0	0	0	0	*b.* ⊔	*b.*	*b.*
30	39·2	50·1	54·5	46·2	47·5	35·8	·208	·193	·168	·247	·204	·174	79	33	20	65	49	74	,,	0	0	0	1	*b.* ⊔	*b.*	C. *c.*
31	39·2	54·0	52·3	45·1	47·6	37·2	·202	·239	·108	·223	·193	·191	75	35	13	59	46	79	,,	3	2	7	3	C. *c.* △	C. *c.*	C. *c.*
Mean	46·3	56·0	58·9	52·1	53·3	44·4	·287	·326	·276	·335	·306	·274	81	51	30	72	58	86	*Nil*	0·97	1·00	1·39	0·35	...	...	...

ALLAHABAD—FEBRUARY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·781	29·861	29·749	29·844	29·802	40·2	63·2	75·8	52·3	57·6	77·3	38·6	38·7	9·7	139·4	62·1	26·1	12·5	Calm	Calm	NW	Calm	35·8
2	·828	·899	·771	·830	·825	44·2	66·1	77·6	55·6	60·6	78·9	41·7	37·2	10·3	138·8	59·9	31·1	10·6	Calm	NW	NW	Calm	44·2
3	·802	·876	·718	·762	·783	47·3	65·1	76·9	57·0	61·3	78·3	44·6	33·7	10·5	136·8	58·5	35·1	9·5	Calm	NW	NW	NW	70·4
4	·743	·828	·689	·750	·745	48·1	65·1	75·0	51·1	59·5	76·9	43·2	33·7	10·6	139·3	62·4	30·4	12·8	WSW	WNW	NW	Calm	91·6
5	·754	·840	·691	·771	·757	43·1	67·0	76·8	53·1	59·7	78·1	39·4	38·7	10·6	141·4	63·3	26·0	13·4	WNW	SW	NW	Calm	31·5
6	·737	·817	·694	·761	·745	43·2	68·8	80·4	60·0	62·8	81·0	40·6	40·4	10·5	139·8	58·8	29·1	11·5	Calm	ENE	E	E	66·1
7	·723	·790	·640	·712	·709	47·1	70·1	82·3	59·4	64·4	84·0	45·2	38·8	10·0	142·2	58·2	35·1	10·1	Calm	SE	WNW	Calm	50·1
8	·728	·817	·700	·788	·751	50·2	73·7	82·8	61·0	66·6	83·4	48·8	34·6	10·0	143·2	59·8	38·8	10·0	Calm	SE	N	NNE	32·2
9	·775	·848	·740	·792	·782	51·1	69·5	81·0	62·5	65·7	83·0	48·2	34·8	10·1	142·6	59·6	38·9	9·3	NNE	NW	NW	W	75·6
10	·798	·872	·714	·795	·788	50·9	67·3	78·2	55·6	62·7	79·5	48·4	31·1	10·7	141·0	61·5	37·8	10·6	W	NW	W	W	155·0
11	·776	·852	·744	·789	·783	45·2	69·9	80·2	58·0	63·0	81·2	41·7	39·5	10·7	142·0	60·8	28·9	12·8	SW	SW	WNW	Calm	33·1
12	·745	·787	·646	·706	·714	50·1	73·0	84·7	61·4	67·0	85·5	47·2	38·3	10·6	142·6	57·1	36·3	10·9	W	SW	WNW	Calm	71·1
13	·681	·738	·595	·661	·662	52·1	76·0	87·3	61·8	69·0	87·3	50·6	36·7	10·4	149·8	62·5	39·3	11·3	Calm	SW	NNW	NNW	20·1
14	·658	·703	·545	·585	·616	53·1	75·5	84·3	62·0	68·4	86·8	49·7	37·1	10·4	146·6	59·8	40·1	9·6	WNW	SW	NW	NW	77·5
15	·576	·619	·446	·475	·522	50·8	76·1	86·3	64·0	69·0	87·2	49·4	37·8	10·8	145·6	58·4	37·1	12·3	Calm	S	NW	S	40·3
16	·410	·443	·344	·408	·394	57·0	78·2	88·3	68·1	72·6	89·5	54·7	34·8	9·3	146·2	56·7	47·2	7·5	SE	E	NW	NW	90·6
17	·467	·576	·481	·580	·519	61·9	70·6	81·3	63·7	69·1	84·2	58·7	25·5	7·9	145·4	61·2	54·5	4·2	WNW	WNW	NW	NW	159·7
18	·599	·704	·591	·652	·629	57·0	72·1	81·3	63·8	68·3	83·2	52·6	30·6	8·9	145·5	62·3	41·9	10·7	NW	W	NW	NW	81·3
19	·626	·699	·552	·628	·619	55·1	74·0	84·3	68·9	70·3	87·1	53·6	33·5	8·8	143·7	56·6	44·0	9·6	Calm	S	NW	N	41·8
20	·659	·727	·604	·680	·661	54·1	76·2	86·3	65·1	70·1	87·0	51·8	35·2	10·0	147·3	60·3	42·2	9·6	SSE	S	NW	NW	37·3
21	·630	·684	·535	·647	·617	56·1	77·2	88·9	68·1	72·3	89·8	54·5	35·3	9·7	149·8	60·0	43·3	11·2	SW	N	W	NW	100·8
22	·612	·681	·569	·672	·627	60·5	72·4	83·4	63·0	69·5	88·0	58·7	29·3	9·8	147·8	59·8	49·4	9·3	WNW	W	W	WNW	204·7
23	·671	·727	·579	·666	·654	53·1	74·0	85·7	66·0	69·4	87·9	51·7	36·2	9·3	149·0	61·1	43·3	8·4	NW	NW	WNW	Calm	76·9
24	·654	·766	·622	·665	·670	61·5	73·4	81·0	71·1	71·5	84·7	59·7	25·0	2·2	145·2	60·5	51·1	8·6	Calm	WNW	NW	NW	56·5
25	·635	·659	·480	·548	·573	66·4	83·3	92·3	69·1	77·5	93·0	60·8	32·2	10·4	153·4	60·4	51·4	9·4	SW	S	W	SE	139·6
26	·556	·622	·513	·604	·567	56·1	79·2	86·5	67·6	72·1	88·2	54·6	33·6	10·7	147·6	59·4	44·9	9·7	Calm	NW	NW	NW	108·6
27	·623	·697	·561	·647	·625	59·0	76·0	85·8	65·1	71·2	87·1	56·1	31·0	10·5	148·2	61·1	43·6	12·5	WSW	NW	NW	WNW	181·6
28	·644	·712	·558	·620	·627	54·1	76·2	86·3	65·6	70·3	88·2	50·5	37·7	9·1	153·4	65·2	38·1	12·4	W	WNW	WNW	NW	112·8
Mean	29·675	29·744	29·610	29·680	29·670	52·5	72·5	82·9	62·1	67·2	84·5	49·8	34·7	Total 272·5	144·8	60·3	39·5	10·4	……	…	…	…	81·7

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	38·7	52·3	53·2	47·1	47·8	36·9	·216	·249	·108	·256	·207	·198	87	42	12	65	52	84	*Nil*	0	7	7	3	C. *b. c.* ␣	C. *c.* ≡	C. *c.*
2	41·2	51·1	56·2	49·1	49·4	39·6	·221	·178	·170	·264	·208	·217	76	28	18	59	45	82	,,	1	0	0	0	Cs. *c. b.*	*b.*	*b.*
3	43·2	50·9	55·1	48·1	49·3	41·0	·227	·186	·146	·220	·220	·211	69	30	15	46	40	71	,,	0	0	0	0	*b.*	*b.*	*b.*
4	41·2	50·1	53·4	46·2	47·7	38·7	·169	·165	·124	·250	·177	·177	50	26	14	67	39	63	,,	0	0	0	2	*b.*	*b.*	K. *c.*
5	39·4	52·1	54·3	46·6	48·1	36·9	·194	·194	·126	·233	·187	·187	69	29	13	58	42	78	,,	1	1	0	0	Cs. C. *c.* ␣	C. *c. b.*	*b.*
6	40·2	53·1	58·0	50·9	50·6	38·7	·211	·198	·185	·253	·212	·212	75	28	18	49	42	83	,,	0	0	0	0	*b.*	*b.*	*b.*
7	44·2	57·1	59·1	52·1	53·1	41·7	·254	·296	·194	·294	·260	·219	78	40	18	58	48	73	,,	0	6	0	0	C. *b. c.*	C. *c. b.*	*b.*
8	48·1	59·0	60·8	54·1	55·5	46·8	·310	·305	·241	·329	·296	·295	85	37	22	61	51	85	,,	0	0	0	0	*b.*	*b.*	*b.*
9	49·1	57·2	59·1	52·1	54·4	45·8	·323	·307	·211	·253	·274	·278	86	42	20	44	48	82	,,	2	0	3	0	Cs. *c. b.*	C. *b. c.* ↗	*b.*
10	44·2	50·9	55·5	48·1	49·7	42·8	·203	·157	·141	·235	·185	·203	54	23	15	53	36	58	,,	0	0	0	0	*b.*	*b.* ↗	*b.*
11	41·7	54·1	58·1	51·0	51·2	39·6	·219	·211	·191	·283	·226	·217	73	28	19	58	44	82	,,	0	0	0	0	*b.* ␣	*b.*	*b.*
12	42·2	55·1	60·3	53·5	52·8	43·7	·166	·198	·200	·307	·218	·240	45	24	16	56	35	74	,,	0	0	0	0	*b.*	*b.*	*b.*
13	49·1	60·1	62·5	53·8	56·4	47·1	·310	·309	·236	·310	·291	·278	79	34	18	56	47	75	,,	0	0	0	0	*b.*	*b.*	*b.*
14	49·1	61·1	61·9	54·3	56·6	46·8	·297	·348	·257	·321	·306	·283	73	39	22	57	48	79	,,	0	0	0	0	*b.*	*b.*	*b.*
15	48·1	60·1	60·6	54·1	55·7	46·7	·302	·308	·188	·289	·272	·285	81	34	15	48	44	80	,,	0	0	0	0	*b.*	*b.*	*b.*
16	50·1	60·3	66·1	61·1	59·4	48·5	·272	·287	·345	·447	·338	·261	58	29	26	65	44	61	,,	1	3	0	0	Cs. C. *c.*	C. Ck. *c.* ∞	*b.*
17	53·9	58·0	60·6	54·1	56·6	52·1	·312	·316	·255	·293	·294	·303	56	43	25	50	44	61	,,	7	7	4	0	C. Cs. *c.*	C. *c.*	*b.*
18	49·1	55·6	58·4	54·1	54·3	47·2	·246	·225	·186	·292	·237	·255	52	29	17	52	38	64	,,	0	0	5	0	Ck. *c.* ∞	C. *b. c.* ∞	*b.*
19	51·1	58·1	61·1	54·5	56·2	48·8	·324	·274	·231	·236	·266	·282	74	32	20	33	40	68	,,	0	0	0	0	∞	∞	*b.*
20	49·1	57·1	60·1	55·1	55·4	47·9	·284	·215	·172	·304	·244	·284	68	24	14	49	39	74	,,	0	0	0	0	∞	*b.* ∞	*b.*
21	51·1	58·1	64·1	57·1	57·6	49·9	·310	·231	·268	·323	·283	·300	69	25	19	47	40	71	,,	0	0	3	0	∞ ↗	C. *c.* ∞ ↗	*b.*
22	51·1	57·1	57·3	51·1	54·2	50·0	·253	·268	·125	·220	·216	·247	47	33	11	38	32	49	,,	0	1	9	0	Ck. *c.* ∞ ↗	C.Cs. *c.* ∞ ↗	*b.*
23	46·2	57·5	61·3	55·1	55·0	45·4	·224	·256	·218	·291	·247	·222	55	31	17	45	37	57	,,	0	1	7	2	∞	Ck. K. *c.*	Cs. *c.*
24	55·9	60·1	62·3	59·1	59·4	53·1	·374	·344	·314	·343	·344	·318	69	42	30	45	47	62	,,	10	9	10	3	Ck. Cs. Pk. Fk. *o. c.*	Ck. Fk. Cs. Pk. Pc. *c. o.*	C. *c.*
25	58·1	66·0	67·1	61·1	63·1	55·7	·375	·409	·328	·433	·386	·378	58	35	22	61	44	70	,,	1	1	6	0	Cs. K. Pk. *c.*	Ck. Pk. Pc. *c.*	*b.*
26	54·1	60·8	63·1	57·1	58·8	52·7	·394	·289	·266	·329	·320	·374	87	29	21	48	46	88	,,	0	0	0	3	*b.*	*b.* ↗	C. Ck. *c.*
27	49·1	57·0	58·0	50·7	53·7	48·1	·220	·214	·114	·181	·182	·232	43	24	9	30	26	51	,,	2	1	0	0	C. *c.*	Ck. *c.* ∞ ↗	*b.*
28	45·2	55·6	58·9	53·5	53·3	42·9	·186	·170	·135	·251	·186	·178	43	19	10	40	28	48	,,	0	1	8	7	*b.* ∞	C. Ck. Cs. *c.* ↗	Ck. K. *c.*
Mean	47·3	56·6	59·5	53·0	54·1	45·5	·264	·254	·203	·287	·253	·255	66	31	18	51	42	70	*Nil*	0·89	1·36	2·21	0·71	...	...	...

ALLAHABAD—MARCH 1890.

	BAROMETER REDUCED TO 32.°					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.					WIND.				
																			Direction.				Velocity.
DATE.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours	16 hours.	22 hours.	Total miles.
1	29·602	29·668	29·558	29·642	29·610	55·6	71·1	81·1	64·5	67·6	81·6	54·6	27·0	0·5	151·5	69·9	42·7	11·9	S	SE	NE	Calm	36·5
2	·655	·743	·601	·670	·659	53·1	76·2	88·5	66·4	70·5	90·0	50·9	39·1	11·2	150·8	60·8	39·2	11·7	Calm	SSE	NW	SE	43·8
3	·673	·737	·629	·684	·673	58·0	82·5	78·2	71·6	72·1	91·1	55·6	35·5	6·1	157·9	66·8	46·9	8·7	SSE	SE	NW	NW	75·2
4	·675	·771	·630	·700	·686	65·1	70·9	79·5	69·1	70·7	82·2	63·5	18·7	4·4	148·6	66·4	60·6	2·9	NE	E	E	ENE	199·7
5	·711	·737	·609	·673	·674	63·0	73·7	81·7	67·9	71·1	82·9	61·0	21·9	9·9	145·6	62·7	59·2	1·8	NW	W	NW	WSW	120·2
6	·687	·726	·602	·638	·655	57·4	76·2	85·3	66·5	70·9	87·4	54·9	32·5	11·2	149·2	61·8	46·1	8·8	W	SW	NW	NW	133·8
7	·606	·654	·532	·568	·582	57·8	79·8	89·1	71·1	73·9	90·9	56·2	34·7	10·5	151·0	60·1	45·1	11·1	WSW	NW	NW	NW	110·0
8	·596	·653	·549	·618	·596	61·2	72·6	76·2	68·6	69·1	79·0	56·4	22·6	1·4	142·2	63·2	50·1	6·3	NW	W	N	SSE	35·6
9	·600	·642	·533	·599	·586	64·2	75·2	82·0	65·5	71·2	85·1	63·2	21·9	4·6	152·8	67·7	59·1	4·1	NW	NW	N	N	49·6
10	·589	·632	·515	·541	·561	55·3	81·5	88·0	69·1	73·0	89·5	54·1	35·4	10·9	155·2	65·7	42·6	11·5	Calm	SSE	NW	NNW	46·6
11	·520	·540	·407	·482	·479	64·0	81·7	90·3	70·9	76·2	92·4	63·1	29·3	8·7	157·2	64·8	54·0	9·1	WNW	WNW	NW	Calm	89·4
12	·501	·569	·441	·505	·496	61·0	84·3	88·3	75·6	76·8	91·7	59·7	32·0	7·7	158·7	67·0	49·1	10·6	N	E	NW	NNW	60·0
13	·503	·552	·447	·513	·496	63·8	77·2	86·8	72·3	74·5	89·0	62·2	26·8	4·7	152·0	63·0	54·2	8·0	NW	W	NW	NW	136·6
14	·472	·480	·321	·402	·411	60·0	83·9	90·3	74·0	76·5	92·0	58·7	33·3	9·4	156·6	64·6	47·7	11·0	Calm	WNW	WNW	WSW	113·5
15	·424	·495	·383	·476	·436	64·0	81·3	89·3	68·9	75·4	90·2	61·5	28·7	8·1	151·2	61·0	52·1	9·4	W	WNW	WNW	Calm	123·1
16	·447	·490	·344	·436	·421	64·0	85·5	93·3	75·0	78·9	95·2	61·8	33·4	7·3	156·8	61·6	50·8	11·0	SE	SE	NW	NW	91·8
17	·438	·500	·403	·466	·444	65·1	78·7	92·3	71·1	76·3	93·2	63·8	29·4	10·2	153·5	60·3	52·1	11·7	WSW	NW	NW	Calm	111·8
18	·431	·476	·340	·441	·414	62·0	87·5	98·6	83·3	82·3	99·5	60·7	38·8	10·8	157·4	57·9	49·1	11·6	Calm	S	WNW	E	57·5
19	·501	·547	·379	·465	·465	77·7	89·3	97·3	83·0	86·3	98·2	74·4	23·8	9·4	155·6	57·4	66·0	8·4	NNE	E	E	NNE	172·7
20	·502	·551	·419	·502	·486	71·3	86·8	96·3	83·3	83·9	97·2	70·2	27·0	10·1	154·4	57·2	63·3	6·9	Calm	ESE	NW	N	118·0
21	·486	·562	·441	·512	·492	72·4	83·5	88·5	75·5	79·5	92·2	71·6	20·6	3·1	161·8	69·6	66·3	5·3	Calm	SW	N	Calm	99·7
22	·500	·535	·404	·453	·465	64·5	86·0	94·2	79·0	80·4	95·3	64·0	31·3	11·3	155·4	60·1	55·4	8·6	N	N	NW	NW	70·8
23	·471	·524	·367	·430	·440	65·1	86·3	94·3	79·2	80·7	96·2	64·0	32·2	11·3	155·0	58·8	55·4	8·6	NW	WNW	NW	NW	144·6
24	·443	·509	·361	·433	·428	65·1	89·3	98·4	77·0	81·9	98·6	64·5	34·1	11·3	156·6	58·0	53·6	10·9	SW	SSE	NW	NNW	44·8
25	·437	·489	·365	·423	·420	70·1	89·4	95·3	79·9	83·2	96·9	68·7	28·2	7·1	161·4	64·5	61·8	6·9	NW	NW	WNW	WSW	119·7
26	·428	·522	·389	·474	·445	68·6	87·3	94·3	79·2	81·9	96·2	67·4	28·8	8·0	162·5	66·3	58·3	9·1	WNW	NW	WNW	W	126·1
27	·488	·546	·428	·458	·472	68·1	86·2	95·4	76·9	81·1	96·8	67·3	29·5	8·8	157·0	60·2	56·2	11·1	Calm	NW	W	Calm	74·2
28	·444	·526	·412	·489	·460	67·8	89·6	98·0	76·2	82·4	99·8	66·8	33·0	11·6	157·1	57·3	56·7	10·1	Calm	NW	WNW	WNW	108·7
29	·498	·578	·447	·498	·497	64·3	89·3	97·3	79·7	82·1	99·2	64·5	34·7	11·6	158·5	59·3	53·1	11·4	WNW	WNW	NW	NW	115·4
30	·534	·604	·465	·529	·525	67·1	88·1	97·3	77·2	81·9	98·7	65·7	33·0	11·0	158·6	59·9	54·5	11·2	Calm	WNW	NW	Calm	77·2
31	·530	·594	·443	·507	·510	66·9	91·1	98·8	77·6	83·1	100·4	64·7	35·7	10·6	160·9	60·5	51·1	13·6	WSW	W	WNW	WNW	120·8
Mean	29·529	29·586	29·457	29·523	29·516	64·0	82·6	90·5	74·0	77·3	92·5	62·4	30·1	Total 262·8	154·9	62·4	53·3	9·1	...	...	...	...	97·7

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	49·1	57·1	59·2	54·6	55·0	48·9	·264	·283	·213	·296	·264	·272	59	37	20	49	41	64	*Nil*	10	10	10	2	Pk. Pc. *o. g.*	Pk. Pc. Ck. *g. o.*	C. *c.*
2	48·1	58·1	61·1	55·8	55·8	46·9	·271	·245	·174	·306	·249	·270	67	27	12	48	38	72	,,	0	0	1	7	*b.*	C. *b. c.* ⚡ at 2 P.M. & *d.* ,, 3½ ,,	C. Ck. *c.* ⊔
3	52·4	61·0	64·1	62·1	59·9	50·9	·321	·251	·411	·432	·354	·312	66	23	43	56	47	70	,,	4	6	10	10	Ck. Cs. *c.*	C. Cs. Pk. Pc. *c. o. g.*	Ck. Cs. *o. t.* & *p.* at 11 P.M.
4	61·1	64·4	65·1	64·1	63·7	59·0	·487	·519	·428	·533	·492	·441	78	68	42	75	66	75	0·06	10	10	8	10	Pk. Ck. *o. t. g. r.*	Ck. Cs. Pk. Pc. *o. c.* ⚡	Ck. Cs. *o. lr.*
5	61·6	68·1	67·0	63·7	65·1	60·8	·531	·614	·466	·535	·536	·532	92	74	43	78	72	99	0·07	9	6	4	0	Ck. Pk. K. *g. c.*	K. Pk. C. Fk. *c.* ⚡	*b.*
6	56·1	63·9	59·1	55·1	58·6	54·2	·434	·431	·154	·285	·326	·413	92	48	13	43	49	96	*Nil*	0	0	2	0	*b.*	C, *b. c.* ∞ ⚡	*b.*
7	52·1	60·3	60·1	55·1	56·9	50·5	·316	·265	·135	·224	·235	·294	66	26	9	29	32	65	,,	0	0	0	3	*b.*	*b.*	C. Ck. *c.*
8	54·0	56·2	60·3	58·1	57·2	50·4	·323	·236	·313	·346	·304	·288	59	29	34	49	43	63	,,	10	10	10	10	Ck. Cs. K. *o. c.* A few drops of rain at 8 A.M.	Pk. Pc. *o.*	Pk. Ck. *o.*
9	57·1	63·1	62·1	57·1	59·8	56·1	·374	·418	·293	·357	·360	·358	62	48	26	56	48	62	,,	10	9	8	0	Pk. Ck. *o.c.g.*	K. Pk. Ck. *c.*	*b.*
10	53·1	63·4	61·9	56·1	58·6	51·9	·376	·344	·207	·280	·302	·359	86	32	16	39	43	86	,,	0	2	2	3	C. *b. c.*	C. *c.*	Pk. Ck. *c.*
11	55·1	61·0	62·1	59·0	59·3	54·1	·318	·262	·183	·342	·276	·302	53	25	13	45	34	52	,,	10	8	2	0	Pk. Ck. Cs. K. *o. c.*	C. Ck. Fk. *c.*	*b.*
12	54·1	63·4	63·1	60·1	60·2	52·6	·329	·306	·242	·315	·298	·304	61	26	18	35	35	60	,,	2	9	10	10	C. *c.*	Ck. Cs. Pc. *c. o. g.*	Pk. Ck. *o. g.*
13	54·1	59·0	60·1	57·1	57·6	53·2	·292	·259	·166	·266	·246	·288	49	28	13	34	31	51	,,	8	9	9	0	C. Cs. *c.*	C. Cs. Ck. *c.* ⚡	*b.*
14	52·1	60·8	64·6	61·9	59·8	51·2	·287	·226	·267	·394	·294	·279	55	20	19	47	35	56	,,	0	9	0	2	Ck. *c.* ∞	Ck. Fk. *c.* ∞	Pk. *c.*
15	54·1	61·4	63·5	59·1	59·5	53·2	·289	·280	·243	·373	·296	·297	48	26	17	53	36	54	,,	8	8	0	0	C. Cs. *c.*	C. Cs. *c.* ∞	*b.*
16	53·1	63·1	65·1	59·9	60·3	52·0	·261	·280	·243	·316	·275	·260	63	23	16	37	30	47	,,	1	0	7	0	Cs. Pk. K. Ck. *c.*	Fk. *c. u.* ∞	*b.*
17	54·1	61·5	64·1	59·1	59·7	51·6	·275	·318	·223	·343	·290	·223	44	33	15	45	34	38	,,	0	0	0	0	∞	*b.*	*b.*
18	54·3	65·3	67·9	63·1	62·6	53·5	·321	·328	·272	·309	·308	·316	57	25	15	27	31	59	,,	0	0	1	3	*b.* ∞	Fk. *b. c.*	Fk. *c.*
19	64·6	66·9	69·2	66·1	66·7	59·3	·435	·340	·337	·417	·382	·305	46	26	19	36	32	36	0·01	10	1	4	4	Ck. Pk. Cs. C. *d. o. t. c.*	C. Cs. *c.*	Fk. *c.*
20	63·1	67·1	69·4	66·8	66·6	62·2	·470	·402	·358	·438	·417	·454	61	32	21	39	38	61	*Nil*	1	0	2	4	C. *c. b.* ∞	Fk. Ck. *c.b.* ⚡	Pk. Ck. *c.* ⚡
21	65·6	68·0	66·6	64·5	66·2	63·6	·541	·478	·361	·462	·460	·483	68	41	27	53	47	62	,,	10	9	10	3	Ck. Cs. *o. c.*	Ck. Cs. Fk. *c. o.*	Pk. *c.*
22	59·4	66·4	67·0	64·0	64·2	58·6	·441	·387	·298	·397	·381	·423	72	31	19	40	40	71	,,	0	0	0	0	*b.* ∞	*b.*	*b.*
23	57·1	64·3	64·1	61·1	61·6	56·4	·362	·309	·196	·299	·292	·356	58	24	12	30	31	60	,,	0	0	0	0	Cs. *c. b.* ∞	*b.*	*b.*
24	57·4	65·5	67·0	62·1	63·0	55·9	·371	·311	·242	·360	·321	·334	58	22	13	38	33	55	,,	0	0	1	1	*b.* ∞	Fk. *b. c.*	Fk. *c.*
25	59·1	66·1	66·5	62·2	63·5	58·5	·357	·331	·266	·325	·320	·357	48	23	16	32	30	51	,,	8	9	9	8	Ck. Cs. C. *c.*	Ck. Cs. *c. c.*	Ck. Pk. *c.*
26	57·6	61·3	66·0	62·6	61·9	56·7	·331	·197	·269	·348	·286	·319	47	15	16	35	28	47	,,	1	1	9	10	Ck. *c. b.*	Ck. Cs. *c.*	Ck. Cs. *o.*
27	57·1	63·0	66·9	61·9	62·2	56·7	·323	·267	·279	·355	·306	·321	47	22	17	38	31	48	,,	9	9	1	2	Ck. Cs. *c.*	Ck. Cs. *c.*	K. *c.*
28	58·9	67·1	67·6	59·3	63·2	57·9	·381	·363	·269	·282	·324	·364	57	26	15	31	32	56	,,	4	0	0	0	Ck. *c. b.*	*b.* ∞	*b.*
29	55·1	66·1	66·4	62·2	62·4	53·9	·314	·332	·234	·328	·302	·277	52	24	13	32	30	46	,,	0	0	0	0	*b.*	*b.* ∞ ⚡	*b.*
30	56·1	63·1	63·3	60·6	60·8	54·7	·306	·245	·129	·309	·247	·284	46	18	7	34	26	45	,,	0	0	2	0	*b.*	Ck. Fk. *b. c.*	*b.*
31	55·1	63·3	64·6	59·7	60·7	53·4	·279	·212	·153	·276	·230	·260	42	14	9	29	24	42	,,	0	0	0	0	*b.* ∞	*b.* ∞ ⚡	*b.*
Mean	56·2	63·2	64·4	60·5	61·1	54·8	·354	·324	·259	·350	·322	·334	59	30	19	42	38	60	Total 0·14	3·71	4·03	3·94	2·97	...	...	...

ALLAHABAD—APRIL 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·501	29·577	29·430	29·488	29·490	68·1	87·3	97·3	80·2	82·9	99·3	67·3	32·0	10·9	158·4	59·1	57·0	10·3	NW	WNW	NW	W	177·2
2	·506	·580	·444	·520	·503	64·0	88·1	99·6	75·7	81·5	100·7	63·1	37·6	11·5	160·4	59·7	51·4	11·7	W	WNW	WNW	Calm	116·8
3	·516	·578	·444	·518	·505	64·8	91·3	101·1	77·4	83·3	101·5	63·3	38·2	10·9	161·7	60·2	49·2	14·1	Calm	WSW	NW	NW	49·5
4	·530	·596	·456	·520	·517	67·1	91·2	101·3	80·0	84·6	102·7	65·4	37·3	11·4	163·2	60·5	53·1	12·3	SW	NW	NW	NW	52·8
5	·518	·596	·428	·496	·501	66·6	95·3	101·6	77·2	84·9	102·7	65·7	37·0	11·1	162·5	59·8	51·1	14·6	S	SW	W	Calm	112·5
6	·518	·585	·461	·553	·520	67·9	94·7	103·3	80·0	86·2	104·6	64·8	39·8	11·4	164·1	59·5	51·4	13·4	SSE	SW	NNW	NNW	62·4
7	·551	·620	·497	·562	·549	69·6	93·7	102·7	82·8	86·9	104·6	66·6	38·0	11·9	164·2	59·6	53·5	13·1	E	SSE	NW	Calm	68·2
8	·545	·601	·456	·498	·516	69·0	96·3	105·0	85·0	88·5	106·5	68·3	38·2	11·2	164·7	58·2	56·8	11·5	Calm	W	NW	NW	82·1
9	·480	·541	·390	·470	·461	75·2	95·3	105·4	90·2	91·2	107·1	72·4	34·7	9·8	164·4	57·3	60·1	12·3	W	NW	NW	WNW	124·3
10	·487	·547	·400	·460	·465	76·4	97·5	104·5	85·5	90·7	106·2	74·6	31·6	10·1	165·7	59·5	63·2	11·4	WNW	NW	NW	WSW	140·9
11	·448	·486	·344	·499	·435	75·4	96·9	104·6	83·9	89·9	106·2	74·6	31·6	7·3	165·8	59·6	62·0	12·6	WSW	W	WNW	WSW	171·1
12	·401	·475	·354	·432	·407	76·2	96·3	105·4	84·4	90·3	107·2	74·4	32·8	9·3	165·7	58·5	61·2	13·2	W	WNW	NW	SSE	111·0
13	·427	·488	·342	·411	·408	77·1	96·9	106·0	85·9	91·2	108·1	74·3	33·8	8·1	169·0	60·9	66·3	8·0	NW	NW	NW	WNW	87·2
14	·399	·442	·310	·377	·373	76·7	95·1	102·8	83·3	89·2	108·1	73·4	34·7	9·9	165·0	56·9	61·9	11·5	WNW	NW	WNW	WNW	162·5
15	·391	·456	·336	·394	·385	70·0	97·3	104·3	82·3	88·2	105·6	68·8	36·8	11·8	165·1	59·5	56·4	12·4	SW	W	WNW	Calm	107·7
16	·402	·446	·304	·359	·369	73·0	101·3	107·3	85·1	91·6	108·3	70·9	37·4	10·5	170·4	62·1	56·2	14·7	SSE	SSE	W	Calm	50·4
17	·340	·388	·335	·389	·354	73·2	99·7	94·3	81·0	86·7	103·6	72·6	31·0	4·9	159·2	55·6	60·5	12·1	Calm	WNW	NW	WNW	123·5
18	·371	·416	·296	·405	·363	72·5	96·1	103·3	87·9	89·6	105·4	72·1	33·3	10·3	164·0	58·6	62·5	9·6	ENE	E	NW	NNW	75·5
19	·426	·500	·400	·475	·441	76·4	98·0	100·4	83·6	89·3	105·4	75·0	30·4	10·6	167·8	62·4	66·2	8·8	ENE	SE	NW	Calm	78·0
20	·478	·506	·373	·412	·433	72·4	98·3	103·3	86·3	89·8	105·4	71·9	33·5	10·4	164·1	58·7	61·4	10·5	Calm	W	NNW	NW	111·4
21	·376	·410	·272	·332	·339	75·7	98·4	106·3	87·2	91·6	107·6	74·8	32·8	9·2	165·6	58·0	65·0	9·8	Calm	NW	NW	Calm	118·7
22	·305	·357	·253	·319	·299	76·2	99·5	107·9	87·3	92·4	110·2	76·1	34·1	11·1	168·0	57·8	66·6	9·5	Calm	NW	NW	Calm	77·4
23	·332	·375	·235	·298	·301	81·3	100·9	109·3	91·3	95·4	111·4	78·3	33·1	10·4	169·6	58·2	67·5	10·8	WSW	NW	NW	WNW	142·7
24	·286	·323	·211	·320	·276	83·3	102·1	108·2	96·3	97·2	110·8	77·1	33·7	9·9	168·8	58·0	67·4	9·7	WNW	NW	NW	NW	187·9
25	·407	·509	·387	·440	·427	84·2	88·8	88·2	82·3	85·6	91·7	80·8	10·9	0·2	135·2	43·5	76·3	4·5	WNW	NNW	W	WNW	244·2
26	·449	·546	·405	·509	·468	73·9	83·8	87·5	77·2	80·3	88·6	73·0	15·6	1·2	137·4	48·8	68·9	4·1	SSW	S	E	NW	184·8
27	·517	·558	·422	·462	·481	70·1	84·7	92·7	78·2	81·1	94·2	68·6	25·6	12·1	154·1	59·9	66·3	2·3	W	NW	NW	NW	94·4
28	·427	·456	·308	·355	·377	73·2	93·3	101·0	82·1	87·1	102·9	72·1	30·8	11·1	161·0	58·1	62·9	9·2	Calm	W	WNW	Calm	121·5
29	·36[illegible]	·413	·301	·387	·357	74·2	97·3	105·0	90·3	91·4	106·9	73·1	33·8	11·2	163·8	56·9	63·7	9·4	Calm	WNW	NW	NNW	64·8
30	·397	·458	·319	·391	·382	77·2	101·3	109·0	89·3	93·9	109·3	76·0	32·7	11·7	167·6	58·3	67·2	9·4	Calm	NNW	NW	N	26·5
														Total									
Mean	29·436	29·49[illegible]	29·364	29·435	29·423	73·4	95·2	102·3	84·0	88·4	104·4	71·7	32·8	291·4	162·6	58·1	61·1	10·6	...	...	...	...	110·9

ALLAHABAD—APRIL 1890.

	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.							CLOUD.				CLOUD AND WEATHER INITIALS.		
DATE.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	Rainfall, inches.	6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	54·6	60·6	63·1	58·6	59·2	53·9	·249	·175	·122	·207	·188	·240	36	14	7	21	20	35	*Nil*	0	0	0	0	*b.*	*b.* ∞	*b.*
2	51·1	62·3	65·3	62·8	60·4	50·1	·207	·219	·166	·401	·248	·191	34	16	8	45	26	33	,,	0	0	1	0	*b.*	C. *b. c.*	*b.*
3	53·6	66·1	66·7	60·7	61·8	52·6	·265	·305	·155	·310	·269	·256	43	21	9	33	26	44	,,	0	0	0	0	*b.*	*b.*	*b.*
4	57·6	65·9	67·1	62·1	63·2	54·9	·350	·300	·207	·320	·294	·294	53	20	10	31	28	47	,,	0	0	0	0	*b.*	*b.*	*b.*
5	55·1	66·2	66·7	59·6	61·9	53·6	·284	·255	·189	·278	·252	·253	43	15	10	30	24	40	,,	0	0	0	0	*b.*	*b.*	*b.*
6	58·1	66·1	67·5	63·1	63·7	53·2	·355	·260	·194	·353	·290	·253	52	16	10	34	28	41	,,	0	1	1	8	C. *b. c.*	Ck. C. *c.*	C. Ck. *c.*
7	58·1	69·3	68·7	60·0	64·2	54·0	·333	·390	·246	·235	·301	·252	46	24	12	22	26	39	,,	2	1	2	0	C. Ck. *c.*	C. *c.*	*b.*
8	60·1	68·1	70·1	64·9	65·8	59·1	·402	·310	·268	·348	·332	·380	56	18	12	29	29	55	,,	2	0	1	2	C. K. Ck. *c.*	C. *b. c.* H↗	C. Ck. *c.*
9	59·1	67·1	71·1	64·9	65·6	58·0	·289	·287	·301	·278	·289	·292	33	17	13	19	21	37	,,	0	0	0	0	*b.*	*b.* ∞ H↗	*b.*
10	60·5	68·1	71·0	64·8	66·1	58·1	·316	·294	·309	·337	·314	·266	35	16	14	28	23	31	,,	2	1	9	0	C. Cs. *c.*	C. Cs. *c.*	*b.*
11	59·1	68·7	68·0	64·9	65·2	57·0	·286	·324	·195	·363	·292	·253	32	19	9	31	23	27	,,	0	0	0	0	*b.*	*b.* ∞ H↗	*b.*
12	59·8	64·7	69·2	66·6	65·1	57·9	·298	·190	·229	·415	·283	·262	33	11	10	35	22	31	,,	0	7	7	0	Cs. *c.* ∞	C. ∞ H↗	*b.*
13	62·5	67·7	68·1	63·4	65·4	62·0	·372	·288	·180	·285	·281	·393	41	17	8	23	22	46	,,	0	0	9	0	C. *c.* ∞	C. Cs. *c.* ∞ H↗	*b.*
14	57·5	66·1	67·6	62·6	63·4	55·9	·220	·254	·205	·293	·243	·216	25	15	10	26	19	26	,,	3	0	0	0	Ck. Cs. *c. b.*	*b.* ∞ H↗	*b.*
15	57·8	66·9	67·1	64·1	64·0	56·0	·318	·253	·167	·356	·274	·280	44	14	8	33	25	40	,,	1	0	0	0	Ck. Cs. *c. b.*	*b.* H↗	*b.*
16	60·5	68·1	70·1	66·8	66·4	57·8	·362	·243	·237	·399	·310	·306	45	12	10	32	25	42	,,	1	1	0	0	C. Cs. *c.*	C. *c. b.* H↗	*b.*
17	62·2	69·3	68·1	66·9	66·6	59·7	·414	·309	·337	·471	·383	·342	51	16	21	45	33	43	,,	3	0	10	3	Ck. Cs. C. *c.*	♂ 11·40 to 3 P.M. Pk. Cs. *o.* ∞	Pc. *c.*
18	65·1	69·2	69·7	67·8	68·0	62·2	·522	·353	·275	·412	·390	·429	65	21	14	32	30	54	,,	0	0	1	0	*b.*	Fk. *b. c.* ∞	*b.*
19	64·1	71·6	68·1	66·1	67·5	62·6	·435	·421	·255	·408	·380	·403	48	23	13	35	30	46	,,	2	0	1	0	Fk. Ck. *c.*	C. *c.* ∞	*b.*
20	60·1	68·1	68·9	68·1	66·3	60·2	·357	·284	·245	·445	·333	·367	45	16	12	36	27	47	,,	0	0	0	0	C. *b. c.*	*b.* ∞ H↗	*b.*
21	63·1	69·1	70·1	67·2	67·4	62·7	·411	·319	·251	·400	·345	·410	46	17	11	31	26	48	,,	0	0	0	0	*b.*	∞ H↗	*b.*
22	64·6	70·2	69·9	68·1	68·2	62·5	·455	·346	·222	·431	·364	·386	51	18	9	34	28	44	,,	0	0	0	0	*b.*	*b.* H↗	*b.*
23	61·6	68·1	70·0	66·1	66·4	61·0	·287	·248	·206	·305	·262	·307	28	12	8	21	17	31	,,	0	0	0	0	*b.*	*b.* ∞ H↗	*b.*
24	62·1	68·3	70·1	65·8	66·6	60·2	·276	·240	·225	·228	·242	·298	25	11	9	13	14	31	,,	1	0	0	10	Cs. *c. b.*	*b.* ∞ H↗	Pk. *o. g.* ↗
25	65·1	68·1	68·6	67·8	67·4	64·8	·366	·411	·437	·487	·425	·401	31	31	33	44	35	38	,,	8	10	10	10	Ck. Cs. *c.* ∞ ↗	Ck. Pc. Pk. *o. g.*	♂ 11 to 11-45 P.M. Pk. K. *o. g.*
26	64·1	67·4	67·1	62·8	65·4	62·0	·469	·453	·392	·381	·424	·410	56	39	30	41	42	51	,,	10	10	9	10	Pk. Cs. *o.*	Pk. Cs. *o. c.*	Pk. *o. g.* ↗
27	63·8	67·6	68·1	65·0	66·1	62·0	·509	·447	·358	·442	·439	·469	69	38	23	46	44	67	,,	2	0	3	0	Fk. Ck. *c.*	Fk. K. *b. c.*	*b.*
28	64·0	69·1	68·7	67·1	67·2	61·6	·475	·388	·269	·464	·399	·409	58	25	14	42	35	52	,,	2	0	0	0	Fk. Cs. *c. b.*	Fk. ∞ ↗	*b.*
29	63·1	72·1	72·3	69·9	69·4	61·4	·431	·449	·354	·459	·423	·390	51	26	16	32	31	47	,,	0	9	0	0	Ck. Cs. *b c.*	Ck. *c.* ∞ H↗	*b.*
30	66·3	74·2	74·8	70·1	71·4	64·4	·501	·481	·402	·479	·466	·443	53	24	16	35	32	48	,,	0	0	0	0	Ck. Cs. *c.* ∞	*b.* H↗ ∞	*b.*
Mean	60·5	67·8	68·7	65·0	65·5	58·7	·360	·317	·255	·366	·325	·328	44	19	13	32	27	42	*Nil*	1·30	1·33	2·13	1.43	...	...	...

ALLAHABAD—MAY 1890.

DATE.	BAROMETER REDUCED TO 32°.					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.					WIND.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·400	29·442	29·314	29·354	29·369	77·6	102·1	109·1	89·5	94·5	109·9	75·7	34·2	11·8	168·8	58·9	66·0	9·7	NNW	NW	NW	Calm	89·1
2	·327	·372	·222	·267	·288	81·3	103·7	111·3	89·3	96·3	113·0	78·8	34·2	10·7	171·3	58·3	69·7	9·	WNW	NW	WNW	NW	121·0
3	·299	·348	·216	·296	·281	81·3	100·3	110·3	87·3	94·7	111·4	78·9	32·5	11·5	170·6	59·2	68·9	10·0	WNW	NW	NW	NW	120·6
4	·336	·398	·295	·357	·337	74·8	100·3	109·6	87·7	93·0	111·2	74·7	36·5	11·4	170·6	59·4	61·0	13·7	WNW	NW	NW	NW	76·4
5	·376	·429	·301	·341	·353	75·4	101·9	110·3	90·3	94·4	111·7	74·5	37·2	12·0	171·6	59·9	60·6	13·9	NW	NE	NW	NW	78·4
6	·338	·376	·234	·266	·295	81·8	101·4	108·1	88·1	94·7	110·7	79·6	31·1	7·8	170·0	59·3	69·2	10·4	WNW	NW	NW	NW	131·0
7	·296	·320	·173	·223	·244	75·8	98·3	106·1	85·3	91·3	108·1	74·8	33·3	11·0	168·4	60·3	61·3	13·5	SW	NW	NW	NW	105·1
8	·198	·246	·137	·194	·185	79·2	102·1	109·3	85·5	93·9	110·9	75·2	35·7	10·8	170·9	60·0	61·0	14·2	WSW	NW	W	NW	99·8
9	·217	·306	·219	·301	·252	81·7	98·8	103·3	80·2	90·9	105·8	76·6	29·2	8·0	166·3	60·5	64·7	11·9	WNW	NW	W	NW	187·8
10	·306	·359	·268	·333	·307	78·2	99·0	105·2	83·1	91·3	106·7	73·2	33·5	10·9	168·0	61·3	62·0	11·2	WSW	WNW	NW	NW	164·7
11	·345	·371	·264	·316	·315	74·4	102·3	108·0	86·7	92·7	109·5	70·7	38·8	11·7	169·0	59·5	56·2	14·5	NW	SW	WNW	NW	86·1
12	·289	·360	·251	·322	·297	76·6	96·3	107·3	88·6	92·1	108·8	75·6	33·2	11·5	166·0	57·2	62·2	13·4	ESE	ESE	NW	Calm	99·4
13	·394	·416	·283	·382	·360	82·2	93·5	105·3	83·1	90·9	107·3	81·3	26·0	9·2	166·7	59·4	75·4	5·9	ENE	E	NW	SW	166·7
14	·466	·496	·352	·438	·429	75·4	86·1	97·7	82·4	85·3	98·0	74·8	23·2	6·7	157·0	59·0	72·9	1·9	ENE	E	NE	ENE	287·9
15	·431	·461	·345	·391	·398	73·9	89·0	96·8	86·0	86·3	97·7	73·3	24·4	9·7	156·2	58·5	70·7	2·6	ENE	E	E	ENE	259·0
16	·395	·437	·317	·364	·369	74·5	86·5	97·3	88·0	86·5	98·1	74·2	23·9	5·8	155·6	57·5	72·9	1·3	ENE	E	E	ENE	247·8
17	·360	·412	·281	·337	·339	79·4	92·3	102·3	90·5	91·0	103·2	78·6	24·6	6·3	160·8	57·6	75·9	2·7	ENE	NE	N	ENE	204·4
18	·359	·410	·298	·348	·345	82·0	94·3	105·0	91·1	93·0	105·2	80·8	24·4	10·6	162·6	57·4	77·4	3·4	ENE	E	N	NNE	201·6
19	·367	·406	·294	·382	·353	83·3	98·3	105·7	82·3	92·3	106·1	81·7	24·4	7·0	164·4	58·3	74·4	7·3	Calm	ESE	ENE	E	139·2
20	·397	·445	·258	·288	·338	75·6	92·1	105·4	92·3	91·3	106·8	75·3	31·5	8·3	167·2	60·4	70·9	4·4	ESE	N	N	NE	117·6
21	·396	·390	·266	·325	·335	82·3	97·0	104·6	88·3	92·9	106·4	79·6	26·8	8·8	165·2	58·8	74·9	4·7	NNW	SE	N	Calm	84·0
22	·357	·422	·294	·348	·346	81·5	96·3	106·6	87·7	92·9	106·6	80·6	26·0	5·3	166·7	60·1	73·2	7·4	S	NNW	NNE	ENE	89·8
23	·395	·379	·227	·288	·313	82·1	102·2	108·0	92·8	96·2	109·2	78·6	30·6	10·0	168·0	58·8	69·7	8·9	WNW	E	SSE	ENE	102·7
24	·281	·308	·191	·215	·240	84·3	103·3	108·8	91·3	96·8	111·0	82·9	28·1	10·4	168·8	57·8	74·9	8·0	ENE	SSE	NNW	Calm	83·9
25	·205	·226	·109	·170	·169	82·3	106·0	113·3	97·8	99·7	114·2	81·6	32·6	8·9	172·9	58·7	72·3	9·3	SSE	S	NW	ENE	97·7
26	·209	·273	·159	·211	·204	86·6	97·3	106·8	97·3	96·9	106·8	86·5	20·3	8·0	161·0	54·8	83·8	2·7	ENE	E	NNW	ENE	179·6
27	·271	·323	·202	·234	·249	83·3	94·1	100·3	90·5	91·9	103·3	81·3	22·0	3·7	158·0	54·7	77·9	3·4	SSE	ESE	E	ENE	247·4
28	·259	·319	·177	·230	·237	81·3	87·3	102·3	89·8	90·1	102·3	79·9	22·4	4·3	156·6	54·3	79·7	0·2	ENE	E	E	ENE	213·3
29	·241	·276	·178	·278	·234	85·2	97·3	104·3	92·1	94·6	106·2	84·6	21·6	5·9	167·2	61·0	80·9	3·7	ENE	E	N	W	118·1
30	·291	·316	·170	·210	·238	85·3	96·3	107·7	95·3	96·1	108·2	84·8	23·4	6·9	164·3	56·1	79·3	5·5	ESE	SE	NW	WSW	114·9
31	·218	·261	·143	·199	·196	89·1	99·3	100·3	95·8	96·0	102·7	86·8	15·9	0	141·8	39·1	81·3	5·5	WSW	NW	SW	WSW	167·3
Mean	29·323	29·364	29·240	29·297	29·297	80·2	97·3	105·7	88·9	92·9	107·0	78·6	28·4	Total 264·9	164·9	57·9	71·0	7·6	...	...	...	...	144·6

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	67·1	73·8	73·2	72·5	71·6	64·0	·524	·453	·335	·571	·471	·441	55	22	13	41	33	50	*Nil*	0	0	0	0	b	b H↗ ∞	b.
2	67·1	74·1	71·1	67·0	69·8	65·6	·475	·444	·222	·364	·376	·455	45	21	8	26	25	47	,,	0	0	0	0	b. ∞	H↗ ∞	b.
3	62·1	70·3	72·7	67·1	68·0	61·0	·303	·339	·298	·395	·334	·299	29	17	12	31	22	30	,,	0	0	0	0	b. ∞	H↗ ∞	b.
4	63·1	72·1	71·5	66·7	68·4	60·9	·423	·409	·260	·375	·367	·353	49	21	11	29	28	41	,,	2	0	0	0	Cs. c. b.	b. H↗	b.
5	61·9	69·7	71·6	66·6	67·4	59·6	·375	·294	·255	·336	·315	·313	43	15	10	24	23	36	,,	0	0	3	0	b. ∞	b. c. H↗	b.
6	62·1	70·3	71·6	66·1	67·5	60·6	·296	·324	·285	·348	·313	·277	27	16	12	26	20	28	,,	0	0	0	0	∞	H↗ ∞	b.
7	60·8	67·6	67·1	64·1	64·9	58·0	·334	·265	·142	·316	·264	·260	38	15	6	26	21	30	,,	0	0	0	0	b. ∞	b. H↗	b.
8	60·4	69·6	70·0	65·1	66·3	58·4	·276	·288	·206	·348	·280	·268	27	15	8	28	20	30	,,	0	0	0	0	∞	H↗ ∞	b.
9	59·6	66·0	67·1	60·1	63·2	58·2	·218	·201	·180	·253	·213	·243	21	11	9	25	16	26	,,	0	0	0	0	∞	H↗ ∞	b.
10	57·7	66·1	67·4	62·1	63·3	54·8	·206	·202	·166	·279	·213	·187	22	11	7	25	16	23	,,	0	0	0	0	∞	H↗ ∞	b.
11	58·1	73·2	69·1	62·6	65·8	56·0	·269	·426	·190	·247	·283	·255	31	21	8	20	20	34	,,	0	0	0	0	b. ∞	b. H↗	b.
12	58·7	66·9	70·7	69·1	66·4	57·9	·257	·266	·260	·451	·308	·247	28	16	11	33	22	27	,,	0	0	0	0	b. ∞	b. H↗ ∞	b. t. l. ⊘ after midnight.
13	74·2	77·7	75·2	69·6	74·2	67·2	·739	·737	·468	·543	·622	·478	67	47	21	48	46	45	0·04	3	1	0	0	Fk. Cs. C. Ck. c. ∞ ↗	Ck. c. ∞	b. ⊘ between 5 and 6 P.M.
14	67·5	72·4	75·2	69·1	71·0	67·4	·569	·612	·572	·534	·572	·573	64	49	32	48	48	66	*Nil*	0	0	0	0	∞ ↗	b. ↗ ∞	b.
15	67·1	73·5	73·6	71·1	71·3	66·6	·574	·618	·517	·562	·568	·564	69	45	30	45	47	69	,,	0	0	0	0	b. ↗	b. ↗	b. ↗
16	67·9	73·0	74·2	73·8	72·2	67·8	·595	·631	·535	·644	·601	·596	70	50	30	48	50	70	,,	0	0	0	0	↗ ∞	∞ ↗	b.
17	71·1	76·2	76·2	74·2	74·4	70·9	·651	·688	·552	·626	·629	·654	65	45	27	43	45	67	,,	0	0	0	1	∞	∞	Pk. c.
18	72·3	76·7	77·1	74·9	75·2	72·3	·664	·682	·555	·647	·637	·680	61	43	25	45	44	64	,,	3	0	0	0	Ck. Cs. c. ↗ ∞	b. ↗	b.
19	72·5	79·2	78·2	69·1	74·8	71·9	·654	·740	·594	·535	·631	·652	58	41	26	48	43	60	,,	0	0	0	5	b. ∞	∞	Pk. c. lr. t. ↗ after 5 P.M. ⊘
20	70·1	72·0	75·2	72·7	72·5	67·7	·664	·516	·467	·541	·547	·578	75	34	21	36	42	66	,,	3	0	0	4	Pk. Cs. Ck. C. c.	b. ∞	Pk. c. lr.
21	73·2	72·8	74·2	71·1	72·8	70·1	·696	·482	·436	·531	·536	·610	63	28	19	40	38	60	0·01	9	9	0	0	Ck. Pk. Cs. c. g. ∞	Fk. Pk. c. b.	b.
22	68·4	73·0	72·9	71·2	71·4	66·3	·520	·499	·356	·543	·480	·455	48	29	16	41	36	43	*Nil*	3	6	9	0	Ck. Cs. c. o. ∞	Ck. Cs. c. ∞	b.
23	68·1	73·2	74·0	69·9	71·3	66·1	·500	·428	·382	·424	·434	·475	45	21	16	28	28	48	0·01	8	0	1	0	Pk. K. Ck. c. t.	Fk. c. ∞	b.
24	70·1	76·2	75·2	71·1	73·2	67·1	·547	·539	·421	·491	·500	·454	46	25	17	34	30	40	*Nil*	0	0	0	0	b.	b. ∞	b.
25	69·5	75·1	75·9	75·2	73·9	68·1	·550	·455	·391	·570	·492	·507	50	19	14	32	29	47	,,	0	0	0	2	b. ∞	H↗ ∞	Fk. c. ∞
26	77·2	80·1	82·6	79·3	79·8	75·5	·808	·796	·787	·758	·787	·736	63	45	34	43	46	58	,,	0	0	1	0	↗ ∞	Ck. c. ∞	b. ⊘ at 11-40 P.M.
27	72·1	76·2	80·2	75·5	76·0	69·7	·638	·663	·759	·682	·686	·571	56	41	39	48	46	54	,,	9	9	0	0	Pk. Ck. Cs. c. o. ∞	Ck. c. ↗ ∞	b.
28	74·4	78·1	78·2	72·3	75·8	74·2	·760	·839	·640	·559	·700	·770	71	65	31	39	52	75	,,	10	10	0	10	Pk. K. Ck. o. g. ↗	Ck. Cs. o. ∞	Pk. o. g. r. at 8 P.M. ⊘
29	77·7	81·2	79·1	74·4	78·1	72·0	·850	·848	·654	·613	·741	·617	70	48	30	41	47	52	,,	2	2	0	8	Ck. Cs. c. ∞	Ck. c. ∞	Pk. K. c.
30	75·4	78·2	75·2	72·1	75·2	73·6	·748	·722	·436	·476	·596	·679	61	42	18	29	38	58	,,	4	0	0	0	Fk. Cs. c. ∞	H↗ ∞	∞
31	71·3	75·2	75·5	73·2	73·8	71·2	·529	·550	·549	·514	·536	·556	38	29	29	30	32	44	,,	9	0	0	3	Pk. Fk. c. o. ∞	o. ∞	C. c.
Mean	67·7	73·5	73·9	70·0	71·3	65·8	·523	·515	·415	·486	·485	·478	50	31	19	35	34	48	Total 0·06	2·10	1·19	0·45	1·06	...	...	...

ALLAHABAD—JUNE 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sun shine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·252	29·299	29·161	29·254	29·234	91·2	96·9	108·3	92·8	97·1	111·7	88·9	22·8	5·4	167·8	56·1	85·8	3·1	WNW	NW	N	ENE	118·7
2	·294	·351	·199	·264	·269	85·5	94·5	110·3	93·7	95·8	111·2	83·7	27·5	6·2	170·5	59·3	76·9	6·8	ENE	W	NW	NNW	70·2
3	·309	·321	·165	·222	·246	88·1	103·3	111·8	94·5	99·2	113·2	86·8	26·4	9·7	168·7	55·5	78·9	7·9	ESE	WNW	WNW	Calm	112·7
4	·233	·264	·107	·129	·175	86·7	103·3	109·6	99·9	99·7	111·2	86·6	24·6	0	162·6	51·4	80·4	6·2	ESE	NW	WNW	SW	230·3
5	·108	·167	·056	·096	·099	99·0	104·3	110·9	101·6	103·8	112·1	97·6	14·5	0	159·6	47·5	92·3	5·3	WNW	WNW	WNW	WSW	277·1
6	·115	·165	·034	·130	·103	97·3	102·3	109·3	84·3	98·1	110·8	96·8	14·0	0	160·8	50·0	95·2	1·6	NW	W	W	S	290·0
7	·159	·178	·092	·152	·137	82·3	90·3	103·3	92·9	91·8	105·0	82·1	22·9	0	145·4	40·4	79·9	2·2	SSW	SW	S	SE	259·1
8	·202	·216	·084	·164	·158	82·1	89·3	103·8	90·3	91·2	105·1	80·7	24·4	6·1	164·4	59·3	79·9	0·8	ENE	E	NW	ENE	204·4
9	·206	·238	·109	·198	·180	84·2	93·1	103·3	92·9	93·2	103·3	83·0	20·3	10·8	159·4	56·1	81·7	1·3	ENE	E	N	E	22·1
10	·253	·257	·230	·265	·246	84·1	92·8	87·3	84·3	86·9	102·8	83·6	19·2	6·2	158·6	55·8	82·8	0·8	ENE	E	NNW	WSW	210·6
11	·311	·340	·202	·282	·276	81·3	95·3	103·1	90·8	92·4	104·2	79·8	24·4	9·0	161·6	57·4	74·9	4·9	WNW	Calm	NW	Calm	70·3
12	·316	·319	·192	·288	·271	86·3	99·3	105·7	94·3	96·2	108·0	85·4	22·6	7·9	172·8	64·8	78·9	6·6	WNW	NNW	WNW	S	87·3
13	·292	·293	·119	·241	·228	87·3	97·6	107·3	87·3	94·7	109·2	85·7	23·5	9·3	164·5	55·3	81·3	4·4	E	W	W	S	137·3
14	·234	·254	·100	·162	·180	84·5	99·3	109·3	96·3	97·2	110·2	83·6	26·6	10·0	166·6	56·4	78·4	5·2	SSE	W	WNW	SE	138·9
15	·190	·218	·079	·184	·160	82·2	91·3	105·3	91·3	92·3	106·2	80·0	26·2	7·4	172·2	66·0	75·6	4·4	SSE	S	SE	ESE	175·2
16	·214	·220	·085	·174	·165	85·8	98·5	106·7	93·7	96·0	107·2	84·7	22·5	11·4	167·4	60·2	82·3	2·4	ENE	E	N	ENE	151·6
17	·199	·224	·147	·176	·178	88·3	98·3	88·8	83·2	89·4	103·4	86·6	16·8	6·4	175·9	72·5	81·9	4·7	ENE	SE	N	ESE	137·5
18	·186	·201	·074	·165	·148	82·8	95·3	88·3	85·8	87·8	100·7	80·6	20·1	7·0	168·9	68·2	78·7	1·9	NNW	ENE	E	ENE	126·6
19	·135	·184	·164	·217	·167	82·3	86·5	79·1	80·2	81·8	92·3	79·4	12·9	2·9	160·5	68·2	78·6	0·8	ENE	NNE	N	E	160·7
20	·166	·193	·134	·159	·155	79·9	80·2	80·2	78·0	79·4	82·0	77·3	4·7	0	98·2	16·2	75·4	1·9	ENE	NE	NNE	N	96·2
21	·221	·255	·168	·253	·216	77·5	87·3	92·8	85·5	85·6	93·2	77·0	16·2	7·0	152·2	59·0	75·9	1·1	ESE	SSE	NE	ENE	108·5
22	·220	·221	·071	·161	·160	82·5	88·5	94·9	81·3	86·6	95·3	81·6	13·7	7·3	154·5	59·2	78·9	2·7	W	SW	WNW	ENE	107·0
23	·134	·158	·071	·102	·108	81·3	80·9	79·2	79·2	80·0	87·2	78·5	8·7	0	132·1	44·9	78·1	0·4	WSW	ENE	E	ESE	106·8
24	·029	·065	·018	·118	·050	79·2	81·1	88·9	79·8	82·0	89·2	78·6	10·6	3·8	152·5	63·3	76·9	1·7	ENE	ENE	E	Calm	172·6
25	·141	·177	·153	·249	·172	78·2	80·1	81·4	79·0	79·5	81·9	76·6	5·3	0	113·9	32·0	75·1	1·5	WSW	SW	SW	SSW	254·2
26	·236	·290	·177	·241	·228	79·0	77·4	85·8	78·2	79·9	85·8	76·4	9·4	1·1	144·4	58·6	74·9	1·5	SSW	SW	S	WSW	155·9
27	·198	·240	·149	·197	·188	78·7	83·3	85·3	79·2	81·4	87·1	76·6	10·5	3·0	142·4	55·3	74·8	1·8	W	W	N	SSW	223·6
28	·221	·253	·159	·175	·194	76·2	78·2	79·2	78·2	77·8	81·2	75·5	5·7	0	106·8	25·6	75·4	0·1	WSW	WSW	WNW	SSE	152·9
29	·171	·205	·125	·178	·162	76·1	78·2	82·3	80·2	79·0	85·2	74·7	10·5	3·0	141·4	56·2	74·2	0·5	SSE	SW	SSW	SE	128·4
30	·173	·207	·102	·200	·162	78·0	83·5	88·3	80·4	82·4	88·4	77·4	11·0	8·7	147·5	59·1	75·9	1·5	S	S	SSE	S	112·7
Mean	29·204	29·232	29·125	29·193	29·181	83·6	91·0	96·3	86·9	89·3	99·5	82·2	17·3	Total 149·6	153·8	54·3	79·3	2·9	...	...	...	...	153·3

ALLAHABAD—JUNE 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	*From Min.*		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	72·1	75·2	79·1	73·2	74·9	72·2	·532	·582	·600	·554	·567	·567	36	33	25	36	32	42	*Nil*	10	10	1	0	Pk. K. Ck. Pc. *o. c.* K ∞	Ck. Cs. Fk. *c. o.* ∞	*b.*
2	73·6	80·2	78·7	74·2	70·7	73·0	·669	·838	·554	·584	·661	·669	54	51	22	37	41	58	„	7	10	0	3	Pk. Ck. Pc. *c. o.*	Pk. *o. b.*	Ck. Fk. *c.*
3	76·2	79·6	76·2	77·0	77·2	72·0	·744	·691	·424	·692	·638	·587	56	33	16	43	37	46	„	5	0	1	2	Pk. Ck. Cs. *c.*	Fk. *c. b.* H↗	Pk. Ck. *c.*
4	80·2	80·0	81·2	78·2	79·9	73·8	·944	·709	·678	·673	·751	·662	74	33	26	35	42	52	0·01	10	0	0	0	Pc. Cs. *r.* at 2 A.M. *o. g.* ∞	∞ H↗	∞ H↗
5	79·0	79·2	79·2	75·2	78·2	75·9	·721	·659	·569	·519	·617	·602	39	39	22	25	29	34	*Nil*	10	?	?	4	Pc. *o.* ∞ ↗	∞ ♂ H↗	Ck. *c. lr.* H↗
6	77·8	80·2	79·4	76·2	78·4	75·0	·690	·732	·600	·796	·704	·575	39	36	23	68	42	33	0·12	10	?	?	4	Pc. Pk *o.* ∞	Fk. Pk. Cs. ∞ H↗ ♂	Pk. *c. lr.* ↗
7	75·0	78·1	80·2	78·5	78·0	74·7	·771	·798	·719	·794	·770	·761	70	56	34	53	53	69	*Nil*	9	10	?	1	Pk. Ck. *c. o.* ↗ ∞	Pk. Fk. Cs. *o.* ∞ ↗	C. Cs. *c.*
8	77·2	79·1	79·4	79·5	78·8	76·2	·869	·858	·675	·862	·816	·844	79	62	31	61	58	80	„	9	10	2	1	Pk. Ck. Pc. C. *c.* ↗ ∞	Pk. C. *o. c.* ∞	C. *c.* ↗
9	77·2	79·7	81·2	79·0	79·3	76·5	·840	·834	·766	·804	·811	·826	72	54	36	52	54	73	„	5	3	0	2	C. Ck. *c.*	C. *c. b.*	Pc. *c.* ↗
10	77·4	80·2	76·2	78·2	78·0	77·2	·851	·861	·755	·884	·838	·849	73	56	58	75	66	73	„	5	0	10	10	Ck. Cs. C. *c.* ∞	Pk. Pc. *o.* ∞ ♂	Pk. *o. g. r.*
11	76·2	78·7	77·5	76·8	77·3	75·2	·836	·758	·598	·734	·732	·813	78	46	29	51	51	80	„	4	0	0	2	Cs. *c.* ∞	∞	C. Pc. *c.*
12	75·2	77·2	78·9	78·4	77·4	74·2	·725	·636	·626	·758	·686	·696	58	34	27	47	42	57	„	6	7	3	10	Pk. Ck. Cs. *c.*	Ck. Fk. K. *c.*	Pk. *o. g.*
13	78·4	79·7	78·2	77·2	78·4	76·5	·852	·773	·572	·799	·749	·789	65	43	24	62	48	65	„	9	1	8	2	Pk. Fk. Ck. *c.*	Ck. K. Pk. *c.*	Pk. *c.*
14	75·7	79·2	77·8	76·3	77·2	75·2	·771	·726	·528	·638	·666	·762	65	39	21	37	40	65	„	4	2	3	2	Ck. Cs. C. *c.*	C. Fk. K. *c.*	Pk. Cs. *c.*
15	76·2	77·1	81·0	78·2	78·1	73·7	·824	·740	·729	·789	·770	·748	75	50	32	54	53	73	0·49	9	9	2	0	Pk. Ck. *r. c. o.* ♂	C. Ck. *c.*	*b* ↗
16	76·5	80·8	80·2	78·2	78·9	75·9	·788	·812	·673	·756	·757	·777	64	45	28	48	45	65	*Nil*	8	0	6	1	Pk. Ck. Fk. *c.*	K. Pk. *b. c.*	Pk. *c.*
17	79·2	82·2	78·2	78·2	79·4	?	·876	·883	·823	·899	·870	?	66	48	61	79	64	?	„	7	0	10	3	Ck. Cs. *c.*	Pk. *b. o. g.*	Pk. *c.*
18	78·4	83·2	82·9	80·7	81·3	77·6	·913	·973	1·054	·980	·980	·908	81	59	78	80	74	87	0·09	7	4	10	9	Ck. Cs. C. *c.*	Fk. K. Pc. *c. o.*	Pk. *o. g.*
19	79·2	82·1	77·0	77·2	78·9	77·5	·957	1·038	·901	·895	·948	·919	87	82	91	87	87	91	0·20	7	9	10	10	Pk. Ck. *c.*	Pk. Fk. K. *c. o. g. r.*	Pk. *o. g. r.* ↗
20	78·0	79·1	79·2	77·4	78·4	75·4	·934	·981	·986	·934	·959	·856	91	95	96	97	95	91	2·14	10	10	10	10	Pc. Ck. Pk. *o. g. r.*	Pk. Pc. *o. g. d. r.*	Pk. *o. g. lr. t.*
21	76·7	80·2	82·0	82·2	80·3	76·4	·909	·936	·948	1·057	·962	·903	96	72	61	86	79	97	4·51	10	9	9	5	Pk. Pc. Ck. *o. c.*	Ck. Fk. Cs. Pc. K. *c.*	Pk. *c. lr.*
22	80·2	81·8	82·6	77·8	80·6	78·9	1·001	·997	·949	·907	·964	·953	90	74	58	85	77	88	*Nil*	9	9	9	10	Pk. Ck. C. *c.*	Ck. Fk. K. C. *c.*	Pk. Ck. *o. g. l.*
23	79·2	78·9	77·6	77·2	78·2	76·6	·971	·963	·926	·908	·942	·891	91	91	93	91	92	91	0·56	10	10	10	6	Pk. Ck. Cs. *o. g. r.*	Pk. Pc. *o. g.*	Pc. Pk. Ck. *c.*
24	76·2	77·2	81·5	78·2	78·3	76·0	·864	·883	·976	·945	·917	·864	87	83	71	93	84	89	*Nil*	10	10	7	3	Pc. Pk. Fk. *o. g.*	Pk. Ck. Fk. K. *o. g. d. c.*	Ck. Pk. *c.*
25	77·2	77·2	78·2	76·2	77·2	75·4	·922	·897	·924	·867	·902	·865	95	87	86	88	89	94	0·10	10	10	10	10	Pk. Ck. Pc. *o. g.* ↗	Pk. *o. g.* ↗	Pk. Pc. *o.*
26	75·6	77·0	81·2	76·2	77·5	75·1	·841	·923	1·004	·878	·912	·855	85	98	81	91	89	94	0·72	10	10	7	9	Pk. Pc. *o. g. d.*	Pk. C. K. *o. g. d. c.*	Ck. C. *c.*
27	75·2	79·2	80·2	77·8	78·1	75·1	·828	·943	·963	·935	·917	·852	84	83	79	93	85	93	0·43	8	10	7	10	Pk. Ck. K. *c.* ↗	Pk. Cs. Ck. Fk. Pc. *c. o.* ↗	Pk. Ck. *o. r.*
28	75·7	77·2	76·9	77·0	76·7	75·0	·884	·922	·895	·913	·904	·863	98	95	90	94	94	98	5·03	10	10	10	10	Pk. Pc. *o. g. r.*	Pk. Pc. *o. g. r.*	Pk. Pc. *o. g.*
29	75·1	76·2	78·7	77·2	76·8	73·7	·859	·878	·934	·895	·892	·820	95	91	85	87	90	95	0·46	10	10	8	7	Pk. Pc. *o. g. r.*	Pk. Pc. Fk. *o. g. d. c.*	C. Ck. *c.*
30	74·4	77·6	80·2	75·7	77·0	74·4	·804	·868	·922	·827	·855	·812	84	75	69	79	77	86	*Nil*	9	9	9	6	Pk. Pc. C. Ck. *c. d.*	K. Pk. Fk. C. Cs. *c.*	C. Ck. *c.*
Mean	76·8	79·1	79·4	77·4	78·2	75·3	·833	·836	·776	·816	·815	·789	74	61	52	67	64	74	Total 14·86	8·23	6·50	6·00	5·07	...	...	...

ALLAHABAD—JULY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·227	29·273	29·179	29·248	29·226	76·4	85·4	91·0	85·1	84·5	91·2	75·3	15·9	10·7	151·9	60·7	71·9	3·4	SSE	SSE	E	N	67·7
2	·230	·248	.118	·280	·213	82·3	86·3	90·3	82·3	85·3	90·9	76·6	14·3	11·8	138·6	47·7	75·8	0·8	ENE	E	E	ESE	464·4
3	·350	·395	·313	·373	·352	79·9	86·8	92·3	83·1	85·5	94·0	78·6	15·4	8·0	151·2	57·2	75·7	2·9	ESE	SSE	S	Calm	219·3
4	·325	·329	·243	·300	·293	79·9	87·8	92·6	85·7	86·5	93·2	78·5	14·7	10·5	155·7	62·5	73·4	5·1	WSW	W	W	WSW	223·6
5	·263	·316	·225	·262	·260	81·5	83·3	79·2	79·2	80·8	87·2	81·1	6·1	0	141·2	54·0	78·3	2·8	WSW	WNW	WSW	N	249·1
6	·236	·269	·128	·194	·201	77·2	77·7	85·3	78·2	79·6	86·0	75·7	10·3	1·0	141·6	55·6	75·3	0·4	WSW	WSW	WNW	NNE	145·1
7	·159	·204	·115	·210	·166	76·2	81·3	86·0	79·8	80·8	87·9	74·4	13·5	0	144·5	56·6	73·5	0·9	SSW	SSE	WNW	WNW	129·6
8	·223	·269	·161	·217	·212	78·2	82·3	85·6	79·6	81·4	86·6	77·4	9·2	0·2	136·2	49·6	75·9	1·5	W	WNW	NW	WSW	159·2
9	·188	·239	·156	·191	·188	79·2	83·5	88·6	82·3	83·4	88·9	78·2	10·7	0·5	142·4	53·5	75·9	2·3	WSW	WNW	W	WNW	145·2
10	·180	·232	·142	·186	·179	77·0	82·9	83·3	79·2	80·6	85·2	75·4	9·8	1·5	137·2	52·0	73·9	1·5	NNW	NNW	NNE	N	82·9
11	·138	·170	·074	·157	·129	79·4	84·1	86·6	80·4	82·6	89·0	78·5	10·5	3·8	151·4	62·4	77·9	0·6	ENE	E	E	SE	170·3
12	·130	·167	·086	·170	·132	83·7	84·3	88·0	79·2	83·8	89·2	78·6	10·6	6·3	147·8	58·6	78·5	0·1	SSE	SE	ESE	WSW	134·5
13	·170	·228	·122	·222	·180	78·0	81·6	89·0	79·3	82·0	89·5	76·9	12·6	6·8	152·2	62·7	76·9	0·0	SSW	SE	SSE	ENE	128·8
14	·225	·281	·179	·264	·231	79·5	86·6	88·3	83·1	84·4	92·3	78·4	13·9	3·1	160·8	68·5	77·5	0·9	ESE	SE	SSE	ENE	105·2
15	·251	·275	·203	·257	·240	82·3	88·3	81·3	81·8	83·4	92·8	80·7	12·1	6·5	153·0	60·2	79·4	1·3	ENE	E	W	SE	142·7
16	·231	·259	·156	·186	·202	80·2	83·8	86·6	82·7	83·3	88·6	79·6	9·0	0·8	145·2	56·6	78·9	0·7	WSW	SW	W	S	117·8
17	·132	·157	·057	·144	·116	80·7	83·9	87·5	78·0	82·5	89·2	80·3	8·9	1·1	142·4	53·2	79·4	0·9	WSW	W	W	W	206·4
18	·100	·160	·112	·175	·131	80·2	79·2	80·2	79·2	79·7	81·2	76·0	5·2	0	89·2	8·0	75·1	0·9	WSW	W	WSW	SW	92·1
19	·169	·226	·105	·191	·167	75·7	79·2	87·3	82·3	81·1	89·1	74·9	14·2	5·2	153·4	64·3	74·9	0·0	WSW	Calm	NW	Calm	32·6
20	·185	·208	·096	·160	·156	78·2	84·3	88·9	83·9	83·8	89·7	77·6	12·1	1·5	146·6	56·9	77·5	0·1	ESE	E	NE	NE	42·2
21	·141	·153	·074	·137	·120	82·0	87·0	85·3	82·3	84·2	90·2	81·1	9·1	4·2	150·2	60·0	78·9	2·2	ENE	E	E	Calm	123·5
22	·129	·174	·051	·186	·129	81·1	88·3	86·8	78·2	83·6	90·7	79·5	11·2	5·2	162·6	71·9	78·1	1·4	ESE	E	WNW	NW	88·4
23	·163	·202	·119	·184	·161	79·2	81·2	84·3	81·3	81·5	85·2	77·3	7·9	1·8	147·8	62·6	76·1	1·2	NW	W	WNW	NW	139·4
24	·179	·220	·135	·197	·177	78·2	80·2	83·3	77·9	79·9	86·2	77·6	8·6	0·1	139·8	53·6	77·3	0·3	WNW	W	WNW	WSW	167·6
25	·157	·185	·100	·153	·143	78·2	79·7	84·3	81·3	80·9	85·9	77·1	8·8	1·6	147·0	61·1	76·2	0·9	WSW	SW	W	SW	175·2
26	·149	·202	·189	·253	·192	78·4	83·2	79·7	78·4	79·9	84·0	77·6	6·4	0	134·2	50·2	76·7	0·9	WSW	W	W	W	168·9
27	·239	·288	·213	·285	·250	78·2	82·1	80·2	77·2	79·4	84·5	76·9	7·6	0	128·2	43·7	74·2	2·7	SSW	W	W	SW	136·1
28	·259	·314	·226	·273	·262	77·0	79·6	82·7	78·2	79·4	83·0	76·3	6·7	0	107·1	24·1	75·9	0·4	SSW	W	SW	W	108·0
29	·233	·298	·211	·265	·246	78·0	79·2	82·5	79·0	79·7	83·0	77·5	5·5	0	108·1	25·1	76·1	1·4	SSW	SW	WNW	WSW	72·4
30	·225	·279	·191	·245	·229	77·2	79·2	78·0	76·6	77·8	86·9	76·8	10·1	2·0	148·1	61·2	75·5	1·3	WSW	WNW	WNW	WSW	96·4
31	·256	·310	·205	·273	·255	76·6	82·3	87·3	79·8	81·5	89·5	75·6	13·9	6·0	152·3	62·8	73·1	2·5	WNW	NW	Calm	Calm	32·7
Mean	29·201	29·243	29·151	29·221	29·198	79·0	83·1	85·6	80·5	82·0	88·1	77·6	10·5	Total 100·2	142·2	54·1	76·2	1·4	...	...	...	...	140·9

ALLAHABAD—JULY 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A. M.	10 A. M. to 4 P. M.	After 4 P. M.
1	74·4	78·2	81·3	81·0	78·7	73·5	·826	·870	·938	1·004	·910	·803	91	71	64	83	77	91	0·01	9	9	1	10	Pk. Ck. C. *c.*	C. Cs. *c.*	Pk. Ck. *g. c. l. r.*
2	78·2	79·2	79·2	75·2	78·0	76·2	·911	·903	·848	·779	·860	·900	83	72	60	71	72	98	0·56	7	9	5	4	Pk. Ck. Fk. Rain from 10 to 11 P.M. *c.*	Fk. K Cs. Pk. *c.*	Fk. Ck. *c.*
3	74·2	78·2	79·4	79·1	77·7	73·9	·770	·850	·831	·941	·848	·775	75	67	54	83	70	79	0·01	10	1	9	1	Pk. Pc. Ck. *o. c.*	Ck. Fk. K. *c.*	C. *c.*
4	76·4	77·5	79·5	78·2	77·9	76·0	·864	·805	·831	·865	·841	·865	85	61	55	70	68	89	*Nil*	6	3	9	9	Pk. Cs. Ck. C. *c.*	Fk. C. Ck. K. *c.*	Pk. Cs. *c.*
5	75·2	76·2	77·2	78·2	76·7	74·8	·791	·809	·908	·953	·865	·779	73	71	91	95	82	73	,,	9	10	10	10	Pk. Ck. Pc. C. *c.*	Ck. Cs. Pk. Pc. *o. r. g.*	Pk. K. *o. g. l.*
6	76·2	77·2	81·2	75·2	77·4	75·1	·892	·928	1·011	·835	·916	·865	95	98	83	86	90	97	2·88	10	10	10	10	Pk. Ck. Cs. *o. g. r. t.* Rain from 3¾ to 5½ P.M. and again from 11 P.M. to 8 A.M.	Pk. Cs. Fk. *o. r t.*	Pk. Pc. *o. g. r.*
7	75·2	79·2	81·2	77·4	78·2	73·1	·862	·971	1·001	·909	·936	·799	95	91	80	89	89	94	1·96	10	10	10	8	Pk. Pc. *o. g.* Rain from 9 P.M. to 4 A.M.	Pk. Pc. *d g. o.*	Pk. Ck. *c.*
8	76·5	79·1	79·7	77·2	78·1	76·0	·891	·953	·936	·903	·921	·880	92	86	77	89	86	93	0·05	10	10	10	6	Pk. Pc. Cs. Ck. *o.*	Pk. Pc. Cs. *o.*	Pc. *c.*
9	77·2	78·2	82·5	81·2	79·8	76·4	·908	·895	1·030	1·052	·971	·887	91	78	77	95	85	92	0·01	10	10	10	6	Pk. Pc. Ck. Cs. *o.*	Ck. Cs. *o.*	Pc. *c.*
10	75·2	78·2	79·2	78·3	77·7	73·8	·851	·903	·943	·958	·914	·814	92	80	83	96	88	92	0·50	10	10	10	8	Pk. Pc. K. Ck. C. *o. g c.* Showers during night.	Cs. Pc. *o.*	Pk. *c.*
11	78·4	80·2	81·5	79·8	80·0	77·7	·960	·979	1·008	1·011	·990	·941	95	83	80	98	89	96	0·33	10	8	10	9	Pk. Pc. K. C. *o. c.*	C. Pk. K. *c. o.*	Pk. C. *c. g. l. t.*
12	78·2	79·2	81·0	78·2	79·2	77·0	·892	·930	·965	·953	·935	·908	77	79	73	95	81	93	0·04	8	9	9	10	Pk. Ck. C. Fk. K. *c.*	Fk. K. Pk. *c.*	Pk. *o. g. d.*
13	77·1	78·8	81·6	78·2	78·9	76·2	·920	·948	·980	·952	·950	·896	96	88	71	95	88	97	0·05	10	10	7	10	Pk. Pc. *o. g.*	Pk. Cs. C. Fk. *o. o.*	Pk. *o. g. lr. t.*
14	78·1	80·9	81·7	80·2	80·2	78·1	·945	·979	·994	·993	·978	·960	93	77	75	87	83	99	0·45	8	9	10	7	Pk. Ck. Cs. *c.*	Fk. K. Pc. Cs. *c. o.*	Pk. Ck. *c. lr.*
15	81·0	83·2	79·4	79·7	80·8	79·7	1·042	1·069	·980	·987	1·020	1·002	94	80	91	91	89	96	*Nil*	8	8	10	4	Ck. Pk. *c. o.*	Fk. K. Pk. Pc. *c. o. t.*	Pk. *c.*
16	78·0	78·4	80·3	79·7	79·1	77·1	·931	·900	·950	·975	·939	·898	90	77	75	87	82	89	0·81	10	10	10	8	Pk. Pc. K. Ck. Cs. *o.*	Cs. Pk. Pc. *o. g.*	Pk. Pc. *c.*
17	78·1	79·2	81·2	77·0	78·9	77·2	·929	·936	·981	·916	·940	·894	89	80	75	95	85	87	*Nil*	9	10	9	10	Pk. K. Ck. *c. o.*	Pk. Pc. Cs. Fk. *o. g. c.*	Pk. *o. g.*
18	78·6	78·2	79·2	78·4	78·6	74·5	·958	·953	·986	·963	·965	·835	93	95	96	96	95	93	0·48	10	10	10	10	Pk. Pc. K. *o. g. r.*	Pk. *o. g. r. d.*	Pk. Ck. *o. c.*
19	75·1	77·7	80·6	81·2	78·6	74·5	·865	·931	·955	1·052	·951	·850	97	93	73	95	90	98	2·22	10	10	8	6	Pk. *o. g. r.* Rain 4 A.M. to 7 A.M.	Pk. C. Cs. Fk. *o. c.*	Ck. Pk. *c.*
20	77·2	80·5	83·1	82·2	80·8	76·9	·922	·991	1·056	1·078	1·012	·916	95	84	77	93	87	97	0·67	10	10	8	8	Pk. K. Ck. *o. r.*	Pk. Fk. C. Cs. K. *o. c. t.*	Pk. Ck. *c. l.*
21	80·5	82·5	80·7	80·7	81·1	79·5	1·022	1·051	·987	1·027	1·022	·987	93	82	81	93	87	93	0·20	9	9	8	4	Pk. Ck. *c. o.* Rain 1½ A.M. to 2 A.M.	Fk. Pk. Cs. Pc. K. *c.*	Pk. *c. l. t.*
22	80·1	82·2	82·0	77·4	80·4	78·2	1·015	1·019	1·029	·931	·998	·949	96	76	81	96	87	94	0·90	9	9	9	10	Pk. Pc. Ck. *c. o.* Rain 7 to 11 P.M and 3 A.M. to 7 A.M.	Ck. Pk. K. Cs. Pc. *c.*	Pk. Pc. *o. g. r. l.*
23	78·0	79·6	79·2	79·0	79·0	75·4	·944	·991	·930	·962	·957	·856	94	93	79	90	87	91	2·33	10	10	9	10	Pk. Pc. K. *o. g. d.* Rain 3 to 8 A.M.	Pk. Cs. Fk. *o. g. c.*	Pk. Pc. *o. g. r.*
24	77·5	78·5	79·2	76·8	78·0	76·7	·936	·953	·943	·909	·935	·908	97	92	83	95	92	96	0·48	10	10	10	10	Pk. Pc. *o. g. d. r.*	Pk. Pc. *o. r. g.*	Pc. Ck. *o. g.*
25	76·7	78·2	79·7	78·2	78·2	75·7	·900	·946	·954	·925	·931	·871	93	93	81	87	88	93	0·10	10	10	9	10	Pk. Pc. *o. g.*	Pk. Ck. Cs. *o. g. d. c.*	Pk. Pc. *o. g.*
26	76·7	77·8	76·2	77·2	77·0	76·1	·897	·881	·858	·919	·889	·882	92	77	85	94	87	93	0·04	10	10	10	10	Pk. Pc. Fk. *o. g.*	Cs. Pk. *c. g.*	Pk. *o.*
27	75·2	77·0	78·4	76·2	76·7	74·7	·835	·861	·949	·892	·884	·832	86	79	92	95	88	90	*Nil*	10	10	10	10	Pk. Ck. Cs. *o. g.*	Pc. Cs. Pk. *o. g.*	Pk. Pc *o. g. r.*
28	76·1	77·4	79·7	77·4	77·6	75·7	·890	·912	·975	·931	·927	·883	96	90	87	96	92	97	0·79	10	10	10	10	Pk. Pc. *o. g. d. r.*	Pk. Pc. *o. g. d.*	Pk. Ck. *o. g.*
29	76·8	77·7	79·1	77·2	77·7	76·2	·907	·931	·950	·911	·925	·888	94	93	85	92	91	94	0·26	10	10	10	10	Pk. Pc. *o. g. d.*	Pk. Pc. *o. g. d*	Pk. K. *o. g.*
30	75·7	77·7	76·2	76·0	76·4	75·3	·870	·931	·881	·892	·894	·858	93	93	92	97	94	93	0·19	10	10	10	10	Pk. Pc. *o. g.*	Pk. *o. g. d.*	Pk. *o. g.*
31	75·6	78·2	79·1	77·7	77·6	75·0	·874	·911	·885	·922	·898	·862	95	83	68	91	84	97	0·47	10	9	10	9	Pk. Pc. Ck. Cs. *o. g. c.*	Ck. Cs. C. Pk. *c. o.*	Pk. Ck. *c.*
Mean	77·0	78·8	80·0	78·4	78·5	76·0	·904	·932	·951	·945	·933	·879	91	83	78	91	86	93	Total 16·79	9·42	9·13	9·03	8·29	...	...	...

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Wollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·257	29·295	29·206	29·270	29·252	78·8	84·0	86·6	81·3	82·7	87·5	78·2	9·3	0·8	150·2	62·7	76·5	1·7	Calm	Calm	NNW	E	42·0
2	·260	·288	·239	·327	·273	79·9	86·0	79·2	78·2	80·8	90·1	79·3	10·8	2·7	155·2	65·1	77·9	1·4	SSE	SSE	WNW	Calm	92·6
3	·309	·344	·284	·365	·321	77·2	80·2	82·2	80·2	80·0	83·2	76·6	6·6	0	110·9	27·7	76·2	0·4	ESE	Calm	NE	E	41·2
4	·330	·366	·294	·354	·331	78·9	78·2	82·3	80·2	79·9	83·1	75·3	7·8	0	112·5	29·4	76·6	—1·3	E	Calm	SSE	SSE	60·2
5	·333	·363	·247	·333	·314	78·2	85·3	87·0	78·2	82·2	91·4	77·6	13·8	6·9	157·8	66·4	76·7	0·9	Calm	WNW	N	N	61·3
6	·312	·338	·208	·313	·288	79·0	85·3	88·2	82·4	83·7	90·2	76·9	13·3	4·1	156·5	66·3	74·9	2·0	Calm	ESE	N	E	52·9
7	·284	·319	·224	·322	·282	80·0	87·0	84·9	78·8	82·7	89·5	79·6	9·9	6·0	149·3	59·8	78·7	0·9	ENE	E	SSE	NW	185·9
8	·307	·328	·219	·285	·280	81·0	87·7	90·7	83·5	85·7	91·5	77·5	14·0	8·0	159·0	67·5	75·6	1·9	ENE	E	E	E	101·6
9	·281	·311	·229	·245	·261	82·1	87·3	83·6	80·2	83·3	87·5	81·0	6·5	1·9	156·2	68·7	78·1	2·9	ENE	E	SSE	ENE	91·7
10	·232	·273	·132	·243	·215	79·2	87·3	91·0	81·3	84·7	92·3	78·2	14·1	11·4	157·3	65·0	75·9	2·3	ENE	ENE	E	ENE	197·4
11	·226	·253	·181	·264	·226	79·2	86·0	89·9	82·3	84·4	90·7	78·5	12·2	9·8	152·9	62·2	76·8	1·7	E	SE	E	ENE	185·5
12	·259	·319	·229	·291	·269	79·2	87·0	82·8	80·2	82·3	85·4	78·4	7·0	0·8	146·1	60·7	76·5	1·9	WSW	W	W	NW	167·4
13	·263	·290	·193	·277	·251	80·0	83·3	83·3	81·1	81·9	88·2	78·9	9·3	2·9	155·2	67·0	76·8	2·1	NNE	NE	NW	ENE	135·6
14	·233	·277	·177	·272	·235	80·8	86·1	90·3	84·5	85·4	91·5	79·8	11·7	11·0	154·9	63·4	77·7	2·1	ENE	E	E	ENE	210·1
15	·247	·314	·209	·285	·259	81·7	88·6	92·3	83·3	86·5	93·6	80·6	13·0	10·8	158·7	65·1	Out of order		E	E	Calm	ESE	84·8
16	·271	·319	·236	·304	·277	81·3	89·5	82·3	80·2	83·3	94·0	80·3	13·7	7·1	161·2	67·2	76·9	3·4	SSE	WNW	SSE	NNW	53·1
17	·288	·335	·285	·346	·309	80·1	86·3	79·5	78·0	81·0	88·5	78·6	9·9	3·8	155·6	67·1	77·0	1·6	WNW	WNW	N	S	120·3
18	·335	·382	·259	·329	·321	76·2	78·9	87·3	79·4	80·4	88·1	75·1	13·0	0·7	148·6	60·5	74·9	0·2	SSW	N	W	SSW	96·9
19	·305	·375	·280	·363	·326	78·0	84·0	87·9	80·3	82·6	88·4	77·5	10·9	6·0	157·6	69·2	75·2	2·3	WSW	WNW	WNW	WNW	136·1
20	·356	·419	·330	·389	·369	80·4	84·3	85·8	79·9	82·6	90·5	79·1	11·4	2·2	153·1	62·6	76·6	2·5	WNW	W	ESE	SSE	113·9
21	·382	·428	·328	·391	·377	80·2	84·1	82·8	80·2	81·8	87·9	78·6	9·3	1·0	140·3	52·4	75·9	2·7	WNW	Calm	NNE	SSE	81·7
22	·353	·387	·291	·360	·343	80·1	85·3	76·0	77·0	79·6	89·7	79·5	10·2	0	142·6	52·9	77·5	2·0	W	WNW	NW	WSW	123·0
23	·344	·408	·303	·374	·352	76·6	77·8	83·6	75·7	78·4	84·0	74·8	9·2	0	Out of order		74·5	0·3	SSW	WSW	W	N	126·7
24	·359	·406	·299	·384	·357	76·5	78·2	86·2	79·2	80·0	86·4	74·6	11·8	2·7	143·8	57·4	73·9	0·7	WNW	W	W	W	158·6
25	·348	·408	·308	·386	·357	77·2	84·3	86·3	80·2	82·0	91·8	76·6	15·2	2·0	158·9	67·1	75·2	1·4	SSE	WNW	NW	SW	92·6
26	·399	·459	·345	·405	·397	79·2	85·6	91·2	83·3	84·8	91·4	78·5	12·9	4·1	148·5	57·1	76·9	1·6	Calm	NW	NW	E	66·7
27	·371	·403	·288	·353	·349	79·1	87·3	91·0	83·1	85·1	92·4	78·6	13·8	7·6	154·3	61·9	75·2	3·4	E	NNE	Calm	N	46·1
28	·327	·389	·275	·411	·345	80·2	86·0	90·8	77·2	83·6	91·9	79·6	12·3	2·8	142·3	50·4	77·8	1·8	WNW	W	WNW	WSW	151·1
29	·355	·409	·300	·346	·347	79·2	85·5	89·3	82·0	84·0	90·2	75·6	14·6	5·0	145·2	55·0	74·8	0·8	WSW	WNW	W	SW	211·0
30	·326	·377	·265	·331	·320	76·2	84·8	90·6	80·2	83·0	91·2	75·9	15·3	11·1	151·1	59·9	72·1	3·8	WSW	W	W	SW	213·3
31	·315	·384	·299	·359	·334	77·4	85·1	91·1	81·7	83·8	91·5	76·9	14·6	8·5	149·9	58·4	74·5	2·4	WSW	W	WNW	S	171·3
Mean	29·309	29·354	29·257	29·332	29·308	79·1	84·7	86·3	80·4	82·7	89·5	77·9	11·5	Total 141·8	149·5	59·9	76·1	1·7	...	...	...	...	118·5

ALLAHABAD—AUGUST 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	77·9	80·3	81·0	79·2	79·6	76·7	·946	·985	·984	·971	·972	·900	96	84	78	91	87	93	*Nil*	10	10	10	10	Pk. Pc. Ck. K. *o. g.*	Cs. Fk. Pk. Pc. K. *o.*	Pk. Ck. *o.g.*
2	77·2	81·1	78·2	77·2	78·4	76·5	·899	·997	·953	·922	·943	·876	88	80	95	95	90	88	"	10	8	10	10	Pk. Pc. Ck. Cs. *o. g.*	Ck. Cs. Pk. *c. o. g. r. t.*	Pk. *o. g.* Rain from 3½ to 6 P.M.
3	76·6	78·2	79·2	79·2	78·3	76·1	·909	·940	·959	·986	·948	·896	97	91	87	96	93	98	1·69	10	10	10	9	Pk. Pc. *o.g.r.t.*	Pk. Pc. *o. g.*	Pk. K. *c. g.*
4	77·4	76·2	78·8	79·2	77·9	73·2	·921	·878	·939	·986	·931	·790	93	91	85	96	91	90	0·04	8	10	10	10	Ck. Cs. Pk. *c. o.* ↗	Pc. Cs. Pk. *o. g.*	Pk. Ck. *o.g.r.*
5	77·2	79·6	80·6	76·7	78·5	76·2	·922	·935	·959	·900	·929	·886	95	78	74	93	85	93	0·17	10	9	9	10	Pk. Pc. Ck. Cs. *o. g.* Showers at 8½ A. M.	Ck. Cs. Pk. K. *c.*	Pk. Ck. *o.g.l.*
6	77·8	79·3	81·2	79·2	79·4	75·5	·938	·921	·972	·956	·947	·865	94	76	73	86	82	93	0·02	7	9	10	6	Ck. Cs. C. K. *c.*	Cs. K. Pc. Pk. *c. o.*	Pk. Ck. *c. l.*
7	77·4	80·2	79·2	76·8	78·4	77·2	·907	·940	·922	·896	·916	·903	89	73	77	91	82	89	*Nil*	10	5	6	10	Pk. Pc. C. Ck. Fk. *o. g. c.*	C. Fk. Cs. K. *c.* ↗	Pk. *o. g. r.*
8	79·2	82·2	81·2	81·2	81·0	75·5	·975	1·027	·938	1·035	·994	·858	92	78	65	90	81	91	0·13	5	8	9	2	Ck. Cs. K. Fk. *c.*	Pk. K. C. Ck. *c.*	Pk. *c.* Rain between 5 and 6 P.M.
9	79·9	82·5	79·4	78·2	80·0	79·2	·992	1·047	·949	·940	·982	·975	90	81	82	91	86	92	0·01	10	9	10	6	Pk. Pc. Ck. Cs. *o.*	Cs. Pk. K. *c. o. g t.*	Pc. Pk. C. *c.*
10	77·5	81·0	81·1	77·4	79·2	76·4	·922	·974	·929	·889	·928	·887	92	75	63	83	78	92	0·70	4	4	5	10	Ck. Cs. K. Pk. *c.*	K. Fk. C. Cs. *c.* ↗	Pk. Ck. *o. g.* ↗
11	78·2	79·1	80·0	79·8	79·3	77·0	·953	·839	·891	·985	·917	·909	95	72	63	89	80	93	0·37	7	5	9	2	C. Ck. Pk. Fk. *c.*	C. Fk. K. Cs. Pc. *c.*	Pc. *c.*
12	76·2	78·7	78·1	78·9	78·0	75·5	·864	·870	·900	·972	·902	·845	87	68	80	94	82	87	*Nil*	8	10	10	10	Pk. Ck. Cs. *c. o.*	Pk. Cs. Pc. *o.*	Pk. Ck. *o. g.*
13	78·6	79·2	80·9	79·1	79·4	76·7	·961	·943	1·024	·969	·974	·890	94	83	89	91	89	90	"	10	10	10	9	Ck. Cs. Pk. *o.*	Pk. Fk. Pc. *o. d.* ↗	Pk. C. Ck. *c. g.*
14	79·1	81·1	81·7	80·8	80·7	77·6	·973	·996	·967	1·002	·984	·918	92	80	68	84	81	90	0·75	6	8	5	7	Fk. Ck. Pk. K. *c.*	K. Fk. *c.*	Pk. Ck. *c. l. r.*
15	80·3	81·9	82·2	81·2	81·4	79·1	1·017	1·000	·965	1·038	1·005	·975	94	75	64	91	81	93	*Nil*	7	5	2	7	C. Pk. Fk. Ck. *c.*	Fk. K. *c.*	Pk. Ck. *c.*
16	80·4	84·2	79·2	79·2	80·8	79·5	1·027	1·103	·957	·986	1·018	·998	96	79	87	96	90	97	0·03	9	5	10	6	Pk. Ck. Cs. C. Fk. *c.*	Ck. Pc. Pk. *c. o. g. d.*	Pk. Pc. *c.*
17	79·2	82·2	77·5	77·2	79·0	76·2	·987	1·046	·918	·925	·969	·872	96	84	91	96	92	89	0·03	9	9	10	10	Pk. Fk. Cs. Ck. *c. o.*	Ck. Pk. Pc. *c. o. g.*	Pk. *o. g. r.*
18	75·9	76·2	79·6	77·4	77·3	74·2	·892	·868	·908	·914	·896	·835	99	88	71	91	87	96	4·98	10	10	10	10	Pk. *o. g. r.* Continuous rain from last evening.	Pc. Pk. Ck. Cs. *o.*	Pk. *o. g.*
19	75·9	79·1	80·1	78·2	78·3	75·2	·868	·930	·923	·938	·915	·845	91	79	70	91	83	90	0·04	9	9	6	1	Pk. Pc. Ck. Cs. *c. o.*	Ck. Cs. Fk. K. *c.*	Pk. *c.*
20	77·6	80·1	80·2	78·2	79·0	75·7	·911	·972	·956	·944	·946	·844	88	82	78	92	85	85	0·02	10	8	9	1	Pk. Pc. Ck. Cs. *o. d.*	Cs. Pc. K. *c.*	Pk. *c.*
21	77·7	81·0	77·2	78·2	78·5	75·8	·917	1·018	·860	·940	·934	·855	89	87	77	91	86	87	*Nil*	10	10	10	10	Pk. Pc. K. Ck. Cs. *o.g.*	Ck. Pk. Pc. *o. g.*	Pk. Pc. *o. g.*
22	78·0	79·7	75·2	76·2	77·3	76·2	·932	·940	·865	·895	·908	·861	91	78	96	96	90	86	"	9	10	10	10	Pk. Fk. C. Ck. *c.*	Cs. Pc. Pk. *o. t. r.*	Pk. *o. g.*
23	74·8	76·4	78·2	75·0	76·1	73·9	·839	·892	·894	·860	·871	·826	92	93	77	97	90	96	2·46	10	10	10	10	Pk. Pc. *o. g. d. r.*	Pk. Pc. *o.g.r.*	Pk. *o.g.r.* ↗
24	76·1	76·2	79·5	75·2	76·8	73·5	·897	·878	·918	·822	·879	·813	98	91	73	82	86	95	2·48	10	10	9	10	Pk. Pc. *o. g. r. d.* Continuous rain from 9 P.M. of previous day.	Pk. Pc. Ck. Fk. *o. g. c.*	Pk. Pc. *o. g.*
25	76·4	79·7	78·3	77·2	77·9	74·1	·900	·954	·862	·895	·903	·810	96	81	68	87	83	88	0·11	9	10	10	10	Pk. Pc. Ck. *c. o.*	Ck. Cs. Pc. *o.*	Pk. Ck. *o.*
26	78·2	78·7	80·2	80·7	79·4	73·2	·953	·890	·883	1·014	·935	·747	95	72	60	89	79	77	*Nil*	10	10	5	10	Pk. Pc. Ck. Cs. *o. g.*	Pc. Ck. Cs. *o. c.*	Pk. Ck. *o. g.*
27	78·0	81·3	80·3	81·0	80·2	76·2	·946	·989	·890	1·031	·964	·872	95	76	61	91	81	89	"	10	7	9	10	Pc. Ck. Cs. *o. c.*	C. Cs. Pc. *c.*	Pc. Ck. *o.*
28	76·9	79·2	81·4	75·2	78·2	76·4	·882	·907	·946	·849	·896	·868	86	73	65	91	79	86	"	10	10	10	10	Pc. Ck. C. *o. c.*	Pc. Cs. *o.*	Pc. Pk. *o. g. l. r.* ↗
29	77·0	78·2	79·2	77·2	77·9	74·0	·899	·868	·862	·871	·875	·820	90	71	63	80	76	93	0·45	10	8	9	7	Pk. Pc. *o. g.* Rain from 9 to 11 P.M. of previous day.	Ck. Cs. C. *c.* ↗	Ck. C. *c.*
30	73·2	76·2	78·4	74·4	75·6	72·7	·779	·789	·808	·774	·788	·762	86	66	56	75	71	85	*Nil*	8	7	3	2	Pk. Cs. K. C. Ck. *c.*	C. Ck. Fk. *c.* ↗	Ck. *c.*
31	73·5	77·2	78·2	77·4	76·6	73·2	·774	·829	·792	·883	·820	·769	82	68	54	82	72	83	"	7	8	2	6	Ck. K. C. *c.*	Ck. C. K. *c.*	K. Fk. *c.*
Mean	77·4	79·6	79·5	78·1	78·7	75·8	·919	·941	·919	·935	·929	·864	92	79	74	90	84	90	Total 14·48	8·77	8·42	8·29	7·77	...	...	...

ALLAHABAD—SEPTEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·385	29·443	29·333	29·389	29·382	77·0	84·3	92·9	83·3	84·3	93·2	76·6	16·6	8·6	148·8	55·6	75·7	0·9	WSW	SW	W	S	124·9
2	·387	·448	·351	·394	·389	78·0	88·2	93·5	83·7	85·7	94·8	77·4	17·4	11·8	148·5	53·7	73·4	4·0	WSW	W	W	SW	167·9
3	·391	·440	·337	·386	·382	79·4	88·2	95·2	84·3	86·7	95·5	78·6	16·9	10·0	156·6	61·1	75·1	3·5	WSW	W	W	W	179·3
4	·382	·419	·311	·355	·361	78·2	88·3	94·9	84·1	86·3	95·5	77·6	17·9	10·9	149·1	53·6	72·1	5·5	WSW	W	WNW	SW	164·9
5	·365	·413	·288	·333	·344	77·2	89·0	95·8	84·9	86·6	96·2	76·5	19·7	11·8	152·1	55·9	70·2	6·3	WNW	WNW	WNW	SW	138·4
6	·337	·370	·250	·323	·314	79·2	88·6	95·3	84·7	86·9	96·4	78·6	17·8	11·2	149·9	53·5	74·7	3·9	WSW	WNW	WNW	WSW	156·0
7	·352	·389	·275	·340	·333	78·2	90·3	97·2	85·3	87·7	97·6	77·4	20·2	10·8	152·7	55·1	70·7	6·7	WSW	WNW	Calm	SW	95·6
8	·341	·377	·272	·355	·330	79·0	93·1	97·3	82·3	87·8	99·0	78·4	20·6	9·2	156·7	57·7	72·6	5·8	WSW	WNW	NW	Calm	58·2
9	·357	·383	·259	·307	·346	78·2	93·3	99·3	83·3	88·4	100·1	78·3	21·8	11·3	154·9	54·8	72·7	5·6	Calm	W	W	Calm	41·7
10	·305	·359	·246	·309	·299	78·2	94·1	97·2	82·3	87·9	100·0	78·0	22·0	9·7	160·2	60·2	71·4	6·6	Calm	W	Calm	NNW	62·4
11	·329	·379	·236	·332	·313	77·4	92·4	96·9	85·1	87·9	99·4	77·4	22·0	11·4	157·9	58·5	70·8	6·6	Calm	NW	S	SSW	48·9
12	·338	·405	·263	·353	·334	79·2	89·3	97·3	83·5	87·2	97·5	78·9	18·6	11·2	151·5	54·0	73·9	5·0	WNW	WNW	NW	E	76·1
13	·340	·371	·282	·407	·344	80·0	87·2	81·3	75·9	81·0	93·4	79·5	13·9	4·2	155·4	62·0	75·9	3·6	W	W	E	NW	74·9
14	·350	·385	·241	·313	·316	75·2	80·0	82·6	75·2	78·1	86·2	74·5	11·7	2·3	154·0	67·8	73·9	0·6	ENE	E	NNW	E	143·2
15	·269	·340	·241	·339	·291	76·0	82·3	78·2	77·0	78·3	87·0	74·6	12·4	1·3	156·7	69·7	74·1	0·5	ENE	E	NE	NNE	113·0
16	·337	·392	·292	·390	·347	76·7	79·4	77·2	75·8	77·2	81·0	75·6	5·4	0	114·6	33·6	74·9	0·7	ENE	ENE	WNW	SW	106·0
17	·428	·497	·405	·473	·445	76·5	82·3	88·3	81·3	82·0	90·1	75·4	14·7	6·8	155·2	65·1	74·8	0·6	ENE	ESE	E	E	125·4
18	·429	·478	·347	·418	·412	79·0	88·3	91·7	83·3	85·5	92·6	77·7	14·9	12·0	155·2	62·6	74·2	3·5	SSE	E	E	ENE	89·6
19	·383	·419	·296	·379	·363	79·2	89·3	90·6	82·1	85·2	92·9	78·4	14·5	9·5	156·0	63·1	75·7	2·7	Calm	Calm	E	WNW	66·2
20	·355	·406	·290	·366	·348	80·4	90·3	92·3	83·1	86·4	94·0	79·5	14·5	10·1	153·3	59·3	75·8	3·7	Calm	S	ENE	ENE	49·1
21	·339	·392	·304	·402	·353	79·4	88·6	78·5	80·2	81·6	91·5	79·3	12·2	2·1	152·8	61·3	75·9	3·4	ENE	Calm	ENE	NE	45·6
22	·394	·469	·370	·482	·423	78·4	83·3	81·6	77·2	80·0	85·2	75·4	9·8	1·6	144·0	58·8	Out of order.		ENE	E	NE	ENE	151·7
23	·480	·527	·426	·514	·481	78·2	83·3	79·1	78·1	79·6	87·0	75·2	11·8	4·2	147·3	60·3	73·9	1·3	ENE	ENE	E	ENE	254·3
24	·453	·497	·346	·424	·424	76·9	81·0	86·0	78·5	80·5	86·6	74·8	11·8	4·1	150·6	64·0	74·8	0	ENE	ENE	E	ENE	315·4
25	·381	·416	·263	·360	·349	76·2	82·8	83·8	75·5	79·5	86·2	75·6	10·6	5·3	148·7	62·5	74·5	1·1	ENE	E	E	E	300·8
26	·301	·350	·242	·333	·300	75·2	75·2	77·2	74·2	75·3	80·0	74·4	5·6	0	97·6	17·6	73·6	0·8	ENE	ENE	NE	E	365·5
27	·344	·423	·353	·469	·391	72·5	74·5	76·4	71·9	73·7	78·3	70·5	7·8	0	119·1	40·8	69·8	0·7	NE	NE	N	N	308·8
28	·478	·530	·477	·569	·508	69·9	78·9	81·0	73·2	75·7	85·0	69·6	15·4	4·9	156·4	71·4	67·0	2·6	ESE	W	E	E	94·4
29	·557	·611	·518	·559	·555	71·3	74·8	79·7	72·1	74·4	84·9	70·8	14·1	1·8	128·2	43·3	69·1	1·7	ENE	E	NE	NE	114·9
30	·562	·625	·507	·559	·557	71·3	79·7	83·3	76·2	77·5	84·1	69·6	14·5	0	127·3	43·2	64·5	5·1	ENE	ENE	Calm	Calm	25·5
Mean	29·382	29·432	29·321	29·398	29·377	77·1	85·3	88·1	79·9	82·5	91·0	76·1	14·9	Total 198·1	147·0	56·0	73·0	3·2	...	...	...	...	135·3

ALLAHABAD—SEPTEMBER 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	75·6	79·4	79·6	78·0	78·2	75·1	·868	·940	·832	·889	·882	·852	93	79	54	78	76	93	0·33	10	7	0	0	Pk. Pc. Ck. Cs. *o d.* Rain from 4 to 6 A.M.	Ck. *c. b.*	*b.*
2	74·2	78·1	78·7	77·4	77·1	73·9	·795	·827	·782	·856	·815	·791	83	62	49	74	67	84	*Nil*	1	0	1	2	Ck. C. *c.*	Fk. *b. c.* ↗	C. *c.*
3	74·0	77·4	79·2	77·0	76·9	73·7	·768	·795	·782	·830	·794	·766	76	59	47	71	63	78	,,	9	3	1	3	Fk. Ck. Cs. *c.*	C. Fk. *c.* ↗	Ck. Fk. *c.*
4	73·6	78·2	79·2	76·4	76·8	73·2	·768	·830	·786	·807	·798	·760	80	62	48	69	65	80	,,	1	0	0	1	Cs. *c. b.*	*b.* ↗	C. *c.*
5	72·7	78·8	79·2	77·2	77·0	72·3	·745	·848	·774	·831	·800	·738	80	63	46	69	64	81	,,	2	0	1	4	Fk. Ck. *c. b.*	Fk. *b. c.* ↗	Pk. *c.*
6	74·2	77·2	78·3	75·2	76·2	73·9	·780	·781	·740	·747	·762	·775	78	57	44	62	60	79	,,	6	0	2	0	Fk. Ck. *c. b.*	Fk. K. *b. c.*	*b.*
7	73·7	79·2	78·5	76·2	76·9	72·7	·772	·848	·723	·782	·781	·742	80	60	42	64	62	79	,,	3	0	0	0	Fk. Ck. *c.*	*b.*	*b.*
8	75·7	79·2	79·2	77·0	77·8	75·1	·845	·811	·753	·858	·817	·828	86	52	43	78	65	85	,,	6	1	7	0	Ck. Cs. C. *c.*	C. Cs. *c.*	*b.*
9	76·2	79·2	79·0	77·0	77·8	75·4	·878	·808	·717	·844	·812	·842	91	52	38	74	64	87	,,	10	2	1	0	C. Cs. *o. c.*	C. Fk. *c.*	*b.*
10	76·7	79·5	78·4	78·2	78·2	75·8	·900	·811	·719	·911	·835	·863	93	51	40	83	67	90	,,	2	0	3	0	C. *c. b.*	Fk. Ck. *b. c.*	*b.*
11	76·2	80·9	82·7	79·1	79·7	75·2	·889	·900	·926	·914	·907	·846	94	59	54	76	71	90	,,	7	0	1	0	C. Cs. Ck. *c.*	Fk. K. *b. c.*	*b.*
12	76·4	78·2	79·7	78·0	78·1	75·7	·873	·816	·777	·886	·838	·847	88	59	44	77	67	86	,,	2	1	3	3	Ck. Cs. C. *c.*	Ck. Fk. K. Cs. *c.*	Pk. *c.*
13	78·6	77·7	77·2	75·0	77·1	76·2	·961	·823	·880	·857	·880	·861	94	64	83	96	84	86	,,	8	7	10	10	Pk. Ck. Cs. K. *c.* Thunder storm at 7-33 A.M.	Dust & thunder storm between 2 & 3 P.M. C. Cs. Pk. Pc. *c. o. g.*	Pk. *o. g. r.*
14	74·2	76·4	79·1	74·3	76·0	73·2	·834	·863	·948	·838	·871	·801	95	84	85	96	90	94	1·18	10	10	9	10	Pk. Pc. Ck. *o.*	Pk. Fk. K. *o. g. c.*	Pk. *o. g. r.*
15	75·1	78·2	76·1	76·2	76·4	73·4	·860	·911	·874	·895	·885	·808	96	83	91	96	92	94	0·59	10	10	10	10	Pk. Pc. *o. g. d.*	Pk. *o. g. r.* ↗	Pk. *o. g.*
16	75·6	78·1	76·7	75·2	76·4	74·4	·873	·946	·913	·868	·900	·836	95	94	98	97	96	94	0·71	10	10	10	10	Pk. Pc. *o. g. r.*	Pk. Pc. *o. g. d.*	Pk. *o. g. r.* <
17	75·2	79·2	81·0	79·4	78·7	74·3	·858	·957	·961	·980	·939	·835	92	87	72	91	86	95	3·96	10	8	9	0	Pk. Pc. Ck. Fk. K. *o. c.*	K. Ck. Fk. Pk. *c.*	*b.*
18	78·2	81·8	80·2	79·2	79·8	77·2	·956	·999	·877	·943	·944	·928	96	75	59	83	78	98	0·05	6	1	3	2	Pk. K. Cs. C. Ck. *c.*	C. Fk. K. *c.*	Pk. *c.*
19	78·2	81·8	81·4	80·2	80·4	77·7	·953	·986	·949	1·006	·974	·942	95	71	66	91	81	97	*Nil*	7	7	6	1	Pk. Ck. Cs. C. *c.*	C. K. Fk. Pk. *c.*	Pk. *c.*
20	79·9	84·2	82·1	81·0	81·8	78·7	1·016	1·092	·960	1·031	1·025	·972	98	77	63	91	82	96	,,	8	8	9	3	Pk. C. Cs. Ck. *c.*	Fk. K. C. Cs. *c.*	Pk. *c.*
21	79·0	82·5	76·1	79·2	79·2	78·2	·987	1·030	·869	·986	·968	·952	98	77	89	96	90	95	,,	10	9	10	3	Pk. K. Cs. C. Ck. *o. c.*	C. Cs. Pk. Pc. *c. o. g.*	Pk. *c.*
22	76·8	77·3	77·3	76·2	76·9	72·9	·902	·857	·880	·892	·883	·777	93	75	82	95	86	88	0·14	9	9	10	10	Pk. Ck. Pc. *c. d. g.*	Ck. Fk. Pk. Pc. *c. o. d.*	Pk. *o. g. r.*
23	76·6	77·9	76·5	76·1	79·3	73·4	·896	·884	·879	·875	·884	·800	93	77	89	91	88	91	0·47	9	9	10	8	Pk. K. Ck. *c.* ↗	Fk. K. Pk. Pc. *c. o. g.* ↗	Cs. Ck. Fk. *c.*
24	74·2	77·1	78·2	75·6	76·3	73·4	·810	·830	·861	·848	·850	·806	87	83	69	87	82	93	0·73	9	10	6	10	Pk. Pc. Fk. *c. o.* ↗	Pk. Ck. K. *o. c.* ↗	Pk. K. *o.*
25	74·2	77·2	76·2	74·2	75·4	74·1	·820	·860	·803	·829	·828	·824	91	77	69	94	83	93	*Nil*	10	9	9	10	Pk. Pc. K. Ck. Fk. *o. c.* ↗	Ck. Fk. Cs. Pc. K. *c.* ↗	Pk. Pc. *o. g. r.* ↗
26	74·0	74·2	75·2	73·2	74·2	73·2	·825	·834	·849	·806	·828	·803	94	95	91	95	94	94	1·33	10	10	10	10	Pk. Pc. *o. g. r.* ↗	Pk. Pc. *o. g. r. d.* ↗	Pk. *o. g. r.* ↗
27	67·9	70·1	70·6	70·9	69·9	67·1	·622	·678	·672	·744	·679	·620	78	79	74	95	82	83	1·01	10	10	10	9	Pk. Pc. *o. g. d.* ↗	Pc. Pk. Cs. *o. g.* ↗	Pk. K. *c.*
28	69·0	74·2	75·2	70·6	72·2	68·4	·698	·783	·797	·715	·748	·680	95	79	75	88	84	94	0·07	9	9	8	3	Pk. Pc. Ck. Cs. *c. g.*	Ck. Pk. Fk. *c.*	Ck. *c.*
29	69·1	71·1	74·2	71·5	71·5	68·8	·683	·713	·773	·766	·734	·678	89	83	76	97	86	90	*Nil*	10	10	4	0	Pk. Pc. *o. g. d.*	Pk. Pc. Ck. *o. g. c.*	*b.*
30	71·0	75·1	77·7	75·2	74·8	69·2	·756	·811	·875	·862	·826	·709	99	80	77	95	88	98	,,	8	10	10	1	Pc. Ck. Cs. *o. c.* ≡	Ck. Pk. *o.*	Ck. *c.*
Mean	74·9	78·0	78·1	76·3	76·8	73·9	·840	·864	·831	·863	·850	·809	90	72	65	85	78	90	Total 10·57	7·40	5·67	5·77	4·10	...	...	...

ALLAHABAD—OCTOBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·559	29·622	29·490	29·552	29·549	74·7	84·4	89·2	77·7	80·9	89·3	72·6	16·7	8·3	154·9	65·6	67·6	5·0	Calm	ESE	NW	Calm	21·1
2	·537	·591	·467	·511	·519	75·2	87·2	90·9	79·2	82·5	91·5	74·5	17·0	11·7	153·0	61·5	69·9	4·6	WNW	SW	NW	Calm	47·4
3	·489	·551	·405	·450	·467	76·5	86·3	91·1	81·3	83·2	91·9	75·7	16·2	11·5	147·6	55·7	70·1	5·6	S	NW	WNW	SSW	102·4
4	·448	·481	·389	·411	·425	72·9	86·3	90·3	80·0	81·8	91·6	71·6	20·0	10·0	145·8	54·2	66·0	5·6	SW	W	WNW	WSW	105·8
5	·411	·465	·377	·432	·414	73·2	86·9	92·3	78·2	82·0	93·2	72·2	21·0	11·0	147·1	53·9	65·6	6·6	WNW	WNW	WNW	Calm	112·0
6	·463	·523	·441	·517	·479	73·2	83·6	91·3	75·8	80·4	92·0	71·9	20·1	11·1	145·3	53·3	65·3	6·6	W	W	WNW	NW	110·6
7	·521	·572	·456	·508	·507	70·1	85·3	92·3	77·8	80·8	93·2	70·0	23·2	11·1	146·7	53·5	64·9	5·1	WNW	WNW	NW	Calm	75·2
8	·511	·565	·448	·512	·502	71·0	86·3	92·5	77·2	81·2	92·5	70·8	21·7	10·8	149·6	57·1	64·2	6·6	Calm	Calm	NE	NE	32·0
9	·517	·564	·447	·510	·503	72·3	87·2	91·3	77·0	81·4	91·3	72·1	19·2	10·3	153·9	62·6	66·0	6·1	Calm	E	NE	Calm	48·8
10	·510	·560	·416	·494	·488	73·2	86·7	91·5	77·7	81·7	91·8	72·9	18·9	11·2	154·3	62·5	67·7	5·2	Calm	S	NE	Calm	27·1
11	·489	·533	·406	·502	·475	75·2	88·8	92·3	79·2	83·3	92·3	74·6	17·7	11·2	154·2	61·9	69·8	4·8	NNE	ENE	NE	NE	44·4
12	·503	·576	·432	·537	·505	76·2	88·3	89·3	77·0	82·1	92·3	75·1	17·2	10·1	157·3	65·0	69·7	5·4	NNE	E	E	ENE	117·7
13	·526	·569	·405	·502	·493	74·2	85·1	87·5	72·2	79·2	89·4	73·4	16·0	11·0	149·9	60·5	69·9	3·5	ENE	ENE	N	E	132·1
14	·433	·483	·374	·465	·432	73·6	83·3	81·9	73·2	77·4	85·9	70·5	15·4	8·0	159·9	74·0	69·6	0·9	NNW	N	NE	E	80·4
15	·463	·540	·484	·583	·511	69·9	80·2	84·2	74·7	76·6	86·2	68·7	17·5	10·9	145·7	59·5	65·0	3·7	SSE	E	ESE	ESE	103·4
16	·612	·691	·583	·675	·633	69·8	75·1	83·3	72·9	74·7	83·3	68·9	14·4	10·2	138·9	55·6	66·9	2·0	ENE	ESE	E	E	143·9
17	·672	·723	·590	·638	·649	69·9	80·2	86·3	73·4	76·8	86·3	68·6	17·7	11·1	149·7	63·4	64·0	4·6	ENE	E	Calm	NE	53·1
18	·591	·621	·483	·538	·551	68·0	82·1	87·3	72·3	76·8	87·4	66·9	20·5	11·1	143·7	56·3	60·3	6·6	Calm	WNW	NW	NNW	53·0
19	·547	·597	·505	·583	·551	66·1	83·3	89·3	71·1	76·8	89·7	65·7	24·0	10·7	145·1	55·4	58·2	7·5	NNW	WSW	WNW	Calm	41·2
20	·610	·679	·587	·646	·623	66·1	82·3	90·3	72·1	77·1	90·3	64·7	25·6	10·5	147·5	57·2	57·1	7·6	Calm	E	ENE	Calm	29·1
21	·667	·731	·627	·682	·670	64·5	83·2	88·3	70·3	76·0	89·2	63·4	25·8	10·5	147·7	58·5	56·6	6·8	Calm	Calm	NNW	Calm	25·9
22	·654	·743	·569	·633	·643	66·1	81·3	88·7	69·4	75·8	89·9	64·2	25·7	10·9	146·5	56·6	57·3	6·9	NNW	WNW	NW	Calm	53·4
23	·621	·702	·574	·636	·626	64·7	81·5	88·8	70·1	75·7	89·7	63·7	26·0	10·9	146·3	56·6	55·5	8·2	WNW	Calm	NW	NW	53·5
24	·644	·725	·612	·670	·656	64·3	79·2	85·9	64·0	72·8	87·4	61·7	25·7	10·0	144·8	57·4	Out of order.		WNW	WNW	NW	WNW	89·8
25	·684	·745	·629	·665	·674	58·9	78·1	84·6	62·0	70·3	87·2	56·6	30·6	10·7	143·9	56·7	47·0	9·6	WNW	WNW	NW	WNW	98·2
26	·652	·708	·608	·652	·648	58·2	77·8	83·5	65·1	70·6	85·2	56·5	28·7	10·8	142·8	57·6	47·8	8·7	WNW	W	WNW	W	78·3
27	·628	·700	·605	·678	·646	58·4	75·2	84·3	63·0	69·6	85·3	56·9	28·4	10·9	143·3	58·0	49·8	7·1	WNW	W	WNW	Calm	78·8
28	·674	·737	·629	·694	·677	57·6	76·7	84·3	63·0	69·8	86·1	54·6	31·5	10·7	145·3	59·2	45·3	9·3	WNW	W	NW	Calm	49·7
29	·664	·721	·599	·659	·654	58·0	75·8	83·3	63·0	69·4	84·4	55·1	29·3	10·7	142·1	57·7	45·0	10·1	WNW	W	NW	NW	50·7
30	·647	·694	·573	·641	·632	59·0	77·2	83·3	63·3	70·1	85·3	56·5	28·8	10·6	144·3	59·0	46·3	10·2	WSW	W	W	Calm	63·6
31	·650	·733	·607	·659	·655	56·1	74·2	83·6	63·3	68·7	84·6	54·5	30·1	10·8	142·9	58·3	44·3	10·2	Calm	WNW	Calm	ENE	30·5
Mean	29·568	29·627	29·510	29·575	29·563	68·0	82·2	87·8	72·1	77·0	88·9	66·6	22·3	Total 329·3	147·7	58·8	60·4	6·4	....	...	...	...	69·5

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	74·2	78·.	79·1	76·2	76·9	72·2	·840	·883	·858	·885	·866	·787	98	75	63	93	82	98	*Nil*	9	4	1	0	K. Ck. *c.*⌓	K. Fk. *c.*	*b.*≡
2	74·2	79·2	79·2	77·2	77·4	73·5	·834	·891	·841	·908	·868	·814	95	69	58	91	78	95	„	0	2	2	1	*b.*⌓	Fk. K. *c.*	Cs. *c.*
3	75·5	77·7	78·2	76·6	77·0	74·7	·871	·834	·792	·853	·838	·848	95	67	54	80	74	95	„	0	0	0	0	*b.*⌓	*b.*	*b.*
4	71·2	77·1	77·1	75·2	75·2	70·6	·742	·811	·753	·811	·779	·737	92	64	53	79	72	95	„	0	0	0	0	*b.*	*b.* ∞	*b.*
5	69·6	76·0	77·4	74·2	74·3	69·2	·677	·751	·740	·793	·740	·675	83	58	48	82	68	85	„	0	0	0	0	*b.*⌓	*b.*	*b.*
6	69·5	74·2	76·6	72·1	73·1	69·2	·673	·720	·718	·739	·712	·679	82	62	49	83	69	87	„	0	0	0	0	*b.*⌓	*b.*	*b.*
7	69·1	75·2	76·1	75·2	73·9	68·5	·699	·739	·683	·840	·740	·678	95	61	45	88	72	92	„	1	0	0	0	Ck. *c. b.*⌓	*b.*	*b.*
8	70·0	76·7	76·1	74·2	74·2	69·8	·721	·791	·680	·807	·750	·716	95	63	44	86	72	95	„	0	0	0	0	*b.*≡	*b.*	*b.*
9	71·3	76·4	76·2	74·8	74·7	71·2	·755	·765	·701	·834	·764	·754	95	59	48	90	73	96	„	0	0	3	0	*b.*≡	K. Pk. *b. c.*	*b.*
10	72·9	77·0	75·2	75·2	75·1	72·2	·807	·798	·655	·842	·776	·783	99	63	44	89	74	97	„	0	1	1	1	*b.*≡	K. Fk. *c.*	Pk. *c.*
11	74·1	76·0	77·1	75·2	75·6	73·4	·829	·726	·726	·822	·776	·808	95	53	48	82	70	94	„	1	1	1	0	Pk.Ck. *c. b.*≡	Ck. Fk. K. *c.*	*b.*
12	74·2	76·7	76·5	72·1	74·9	72·9	·820	·764	·741	·723	·762	·781	91	57	54	77	70	89	„	7	1	4	1	Fk. Ck. *c.*⌓	Ck. Fk. Pk. *c.*	Pk. *c.*
13	72·6	76·2	76·2	71·2	74·0	71·8	·781	·784	·752	·752	·767	·759	92	64	57	95	77	92	„	4	6	2	10	Ck. C. *c.*⌓	K. Ck. Fk. *c.*	Pk. *o. g. r.* 6 to 11 P.M.
14	72·1	76·2	75·2	70·7	73·6	69·2	·769	·809	·785	·719	·770	·698	93	71	72	88	81	93	2·52	6	6	7	8	Pk. Ck. *c.*	Ck. Cs. Pk. *c.*	Pk. *c.* ↯
15	69·1	74·2	75·2	71·5	72·5	68·1	·702	·766	·754	·730	·738	·681	96	74	64	85	80	97	*Nil*	1	0	0	0	Pk. *b. c.*⌓	*b.*	*b.*
16	68·6	71·4	74·2	72·1	71·6	68·0	·685	·721	·724	·779	·727	·674	94	83	63	96	84	95	„	0	4	0	0	Pk. *c. b.*⌓	Pk. Fk. *c. b.*	*b.*⌓
17	69·0	72·9	73·3	71·1	71·6	68·1	·698	·712	·646	·732	·697	·682	95	69	51	89	76	97	„	1	1	1	0	Pk. Ck. *c.*⌓	Fk. K. *c.*	*b.*
18	67·0	71·7	71·1	69·1	69·7	65·9	·650	·639	·545	·670	·626	·625	95	59	42	84	70	95	„	0	0	0	0	*b.*⌓	*b.*	*b.*
19	65·1	71·6	71·1	68·5	69·1	64·5	·607	·618	·520	·664	·602	·592	95	54	38	87	68	94	„	0	0	0	0	*b.*⌓	*b.*	*b.*
20	64·8	71·1	71·8	68·3	69·0	63·9	·597	·612	·532	·643	·596	·585	93	56	37	82	67	96	„	0	0	0	0	*b.*⌓	*b.*	*b.*
21	63·4	72·2	70·6	68·1	68·6	62·5	·571	·643	·514	·660	·597	·555	94	57	39	89	70	95	„	0	0	0	0	*b.*⌓	*b.*	*b.*
22	64·1	71·1	70·1	66·5	68·0	62·6	·580	·626	·487	·613	·576	·535	89	59	36	85	67	89	„	0	0	0	0	*b.*⌓	*b.*	*b.*
23	63·1	71·9	68·4	65·3	67·2	62·0	·558	·654	·422	·561	·549	·535	91	61	31	76	65	91	„	0	0	0	0	*b.*⌓	*b.*	*b.*
24	61·6	65·5	65·7	60·3	63·3	59·7	·514	·460	·364	·476	·454	·488	85	45	30	79	60	89	„	0	0	0	0	*b.*⌓	*b.*	*b.*≡
25	55·1	64·1	63·1	59·3	60·4	53·9	·385	·412	·292	·471	·390	·382	77	43	25	84	57	83	„	0	0	0	0	*b.*⌓	*b.*	*b.*
26	54·1	64·3	63·9	61·1	60·8	52·9	·366	·423	·334	·487	·402	·354	75	44	29	78	56	77	„	0	0	0	0	*b.*⌓	*b.*	*b.*
27	54·1	62·1	64·3	59·1	59·9	52·9	·363	·385	·336	·451	·384	·350	74	44	28	78	56	75	„	0	0	0	0	*b.*⌓	*b.*	*b.*
28	53·7	63·1	63·1	58·1	59·5	51·9	·363	·398	·296	·420	·369	·352	76	44	26	73	55	83	„	1	0	2	0	Cs. *c.*⌓	C. *b. c.*	*b.*
29	54·0	62·9	63·1	59·1	59·8	52·6	·366	·403	·302	·451	·357	·365	76	45	27	78	56	84	„	0	0	0	0	*b.*⌓	*b.*	*b.*
30	55·0	64·4	67·0	60·1	61·6	53·8	·381	·435	·445	·479	·435	·380	76	46	39	82	61	83	„	0	0	0	0	*b.*⌓	*b.*	*b.*
31	54·4	62·1	65·4	59·3	60·3	53·5	·402	·398	·384	·453	·409	·399	89	47	33	78	62	94	„	0	0	0	0	*b.*⌓	*b.*	*b.*
Mean	66·0	71·9	72·2	68·9	69·8	65·0	·632	·657	·591	·680	·639	·615	89	59	44	84	69	91	Total 2·52	1·00	0·84	0·77	0·68	...	...	...

ALLAHABAD—NOVEMBER 1890.

Date.	Barometer reduced to 32°					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·657	29·722	29·599	29·646	29·648	57·0	78·7	82·3	62·5	69·1	82·9	55·6	27·3	10·7	143·4	60·5	45·0	10·6	Calm	Calm	NE	Calm	31·2
2	·628	·696	·591	·646	·632	56·1	77·2	82·2	64·8	69·1	82·8	54·5	28·3	10·4	141·7	58·9	44·6	9·9	Calm	SE	NE	NE	32·6
3	·663	·726	·624	·692	·668	57·0	78·0	81·3	65·3	69·4	83·2	55·6	27·6	10·0	142·3	59·1	45·9	9·7	Calm	E	NE	Calm	41·3
4	·723	·781	·655	·718	·711	60·5	77·2	82·8	66·1	70·6	83·6	57·9	25·7	9·7	148·7	65·1	48·7	9·2	Calm	SE	ENE	Calm	41·1
5	·755	·801	·644	·723	·723	65·1	79·2	82·3	62·0	71·2	82·7	62·0	20·7	9·6	142·2	59·5	52·9	9·1	ENE	NNE	NW	NW	31·4
6	·700	·731	·601	·662	·666	61·0	77·9	82·3	62·0	69·8	83·2	58·9	24·3	9·2	143·3	60·1	48·4	10·5	Calm	SSE	NW	Calm	27·3
7	·655	·720	·605	·677	·656	60·0	78·0	80·2	63·8	69·5	84·2	58·7	25·5	4·7	147·7	63·5	49·7	9·0	Calm	S	NW	Calm	19·5
8	·713	·790	·679	·749	·725	57·3	75·2	81·6	61·8	68·0	82·4	56·2	26·2	5·6	141·5	59·1	47·1	9·1	Calm	NW	WNW	Calm	11·3
9	·72[illegible]	·790	·657	·706	·712	56·0	75·2	82·3	64·0	68·4	84·3	54·5	29·8	9·2	145·4	61·1	45·1	9·4	WNW	WNW	W	W	92·9
10	·673	·734	·621	·700	·674	55·7	73·0	82·0	60·0	66·7	84·0	53·5	30·5	10·2	141·8	57·8	44·1	9·4	W	W	WNW	WNW	120·5
11	·671	·745	·631	·691	·676	52·1	69·9	80·2	60·6	64·7	84·4	50·4	34·0	9·9	138·5	54·1	39·1	11·3	Calm	WNW	NW	Calm	67·1
12	·682	·745	·625	·665	·671	55·3	72·1	82·3	61·0	66·7	84·2	53·1	31·1	10·2	140·6	56·4	43·0	10·1	W	WNW	NW	Calm	66·8
13	·639	·712	·608	·666	·648	58·0	72·4	84·3	60·6	67·8	86·4	52·6	33·8	10·2	141·9	55·5	42·8	9·8	WSW	W	NW	Calm	52·6
14	·686	·752	·652	·721	·695	53·9	74·2	81·3	58·6	66·0	84·0	51·6	32·4	10·4	141·7	57·7	37·8	13·8	WNW	W	NW	WNW	67·5
15	·676	·757	·642	·716	·690	53·4	72·1	81·3	58·6	65·4	83·1	50·7	32·4	10·0	145·8	62·7	37·6	13·1	WNW	W	WNW	Calm	81·4
16	·711	·783	·687	·760	·727	50·1	72·1	80·2	55·9	63·6	82·2	49·3	32·9	10·6	141·5	59·3	35·4	13·9	Calm	W	WNW	W	27·7
17	·743	·799	·696	·773	·745	47·3	71·1	79·4	55·7	62·4	81·0	46·3	34·7	10·4	139·2	58·2	32·4	13·9	Calm	NW	WNW	Calm	27·1
18	·758	·817	·719	·767	·757	48·4	72·1	80·2	56·7	63·4	80·2	47·6	32·6	10·2	138·7	58·5	35·0	12·6	Calm	Calm	Calm	Calm	16·3
19	·740	·798	·701	·767	·744	51·8	72·7	80·2	58·0	64·7	81·2	50·3	30·9	10·2	138·5	57·3	38·1	12·2	Calm	SE	E	Calm	31·2
20	·745	·795	·674	·773	·739	52·9	74·0	81·0	61·8	66·4	84·4	51·4	33·0	9·7	138·2	53·8	40·4	11·0	Calm	Calm	NE	Calm	34·4
21	·786	·858	·736	·812	·790	54·3	74·1	79·2	60·6	66·0	80·4	52·5	27·9	10·0	139·8	59·4	42·6	9·9	NNE	E	NE	Calm	41·8
22	·798	·876	·762	·851	·814	55·1	74·8	80·3	61·0	66·8	81·1	53·0	28·1	9·9	138·5	57·4	42·7	10·3	Calm	E	N	Calm	24·9
23	·846	·900	·759	·844	·829	56·7	75·2	80·2	60·0	67·0	81·9	53·8	28·1	10·2	140·3	58·4	44·1	9·7	NNE	SSW	NNW	Calm	26·6
24	·822	·871	·744	·837	·810	54·1	75·0	80·2	60·9	66·6	82·1	51·9	30·2	9·9	139·3	57·2	42·1	9·8	Calm	S	NW	Calm	21·1
25	·792	·840	·712	·778	·772	54·1	73·6	79·2	59·8	65·7	81·1	52·1	29·0	9·5	138·5	57·4	41·1	11·0	Calm	SW	NW	NW	17·7
26	·767	·823	·704	·758	·755	53·4	73·5	78·5	60·0	65·4	80·1	51·9	28·2	10·0	137·7	57·6	40·4	11·5	Calm	SE	NNE	Calm	31·9
27	·755	·817	·718	·783	·760	52·1	72·4	78·6	57·0	64·0	79·7	50·6	29·1	10·2	137·1	57·4	38·1	12·5	Calm	SE	NE	Calm	25·2
28	·772	·826	·710	·794	·768	51·1	73·2	79·2	58·4	64·5	79·6	50·2	29·4	10·3	137·1	57·5	41·2	9·0	Calm	SE	Calm	N	28·9
29	·770	·843	·722	·782	·771	52·1	72·1	79·1	58·9	64·6	79·7	50·9	28·8	10·2	138·0	58·3	38·3	12·6	ENE	SW	NE	NE	30·4
30	·754	·799	·662	·681	·716	52·7	72·7	78·2	59·7	64·8	80·3	50·5	29·8	9·9	137·0	56·7	39·1	11·4	ENE	SE	NNE	Calm	20·7
Mean	29·727	29·788	29·671	29·738	29·723	54·8	74·6	80·7	60·5	66·6	82·3	52·9	29·4	Total 291·2	140·9	58·5	42·1	10·8	...	...	...	...	39·7

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	56·0	66·9	64·7	60·1	61·9	54·7	·437	·503	·377	·489	·452	·418	94	51	35	87	67	95	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
2	55·3	62·9	64·2	59·5	60·5	53·8	·429	·384	·361	·440	·404	·407	95	41	33	71	60	95	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
3	56·3	64·5	66·1	62·1	62·2	54·9	·466	·424	·439	·517	·462	·424	96	45	41	83	66	96	„	3	4	5	0	Pc. Cs. C. *c.* ⌓	C. *c.*	*b.*
4	58·5	65·1	67·1	62·1	63·2	56·8	·466	·459	·455	·506	·472	·448	88	49	41	79	64	93	„	6	2	6	2	Fk. K. Ck. *c.* ⌓	C. Cs. *c.*	Pc. *c.*
5	63·3	64·1	65·1	60·0	63·1	60·0	·559	·398	·391	·493	·460	·493	90	40	36	89	64	89	„	10	2	2	2	Fk. K. Ck. *o. c.* ⌓	C. *c.*	Pc. *c.*
6	59·1	65·0	62·0	57·1	60·8	58·0	·478	·446	·286	·403	·403	·471	89	46	26	72	58	95	„	6	1	6	4	Ck. Cs. *c.* ⌓	Ck. C. Cs. *c.*	Pc. *c.*
7	58·1	64·9	63·7	60·3	61·8	55·9	·460	·442	·371	·478	·438	·411	89	46	36	80	63	83	„	7	4	10	1	Pk. Fk. C. *c.* ⌓	Ck. Pc. *c. o.*	Pc. *c.*
8	56·3	63·1	63·7	59·1	60·6	55·2	·442	·418	·353	·467	·420	·424	94	48	33	84	65	94	„	5	10	8	0	Pc. Cs. C. Ck. *c.* ⌓	Cs. C. *o. c.*	*b.*
9	55·1	63·0	64·1	55·1	59·3	53·4	·424	·414	·356	·318	·378	·396	95	47	33	53	57	93	„	5	3	3	0	Pc. Cs. C. *c.* ⌓	C. *c.*	*b.*
10	49·1	58·1	60·6	53·1	55·2	48·1	·263	·287	·245	·314	·277	·266	59	35	23	60	44	65	„	0	0	0	0	*b.*	*b.*	*b.*
11	48·7	56·9	62·9	58·1	56·6	47·3	·300	·292	·344	·452	·347	·286	77	49	33	85	59	78	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
12	52·2	61·0	62·0	56·1	57·8	51·1	·351	·390	·286	·387	·354	·350	80	50	26	72	57	86	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
13	52·1	62·5	63·1	57·6	58·8	50·6	·313	·435	·296	·437	·370	·343	65	54	26	82	57	86	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
14	50·4	60·1	59·6	54·1	56·0	49·4	·321	·333	·223	·361	·310	·325	77	40	22	73	53	85	„	0	0	1	0	*b.* ⌓	C. *b. c.*	*b.*
15	47·6	57·1	60·7	53·1	54·6	46·0	·255	·269	·258	·333	·279	·250	62	34	25	67	47	68	„	1	0	2	0	Pc. K. *c. b.* ⌓	C. *b. c.*	*b.*
16	49·1	59·1	60·1	52·8	55·3	47·9	·336	·330	·253	·360	·320	·317	93	42	25	81	60	90	„	0	0	0	0	*b.* ≡	*b.*	*b.*
17	46·4	59·1	58·1	53·1	54·2	45·6	·305	·343	·202	·371	·305	·298	94	45	20	83	60	95	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
18	47·1	59·4	61·1	54·1	55·4	46·4	·308	·339	·286	·386	·330	·301	91	43	28	83	61	92	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
19	50·6	59·1	63·9	56·1	57·4	49·9	·354	·322	·378	·427	·370	·355	92	41	36	89	64	97	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
20	52·1	64·0	64·9	58·9	60·0	50·9	·380	·464	·402	·461	·427	·368	94	55	38	83	68	96	„	3	1	0	0	Ck. C. Pk. Pc. *c.* ⌓	Ck. *c. b.*	*b.*
21	54·0	63·6	64·9	58·4	60·2	52·1	·415	·449	·425	·461	·438	·386	98	54	42	87	70	97	„	0	1	2	0	C. *c. b.* ⌓	C. *c.*	*b.*
22	54·8	65·1	66·3	59·3	61·4	53·0	·427	·491	·460	·484	·466	·404	98	57	44	90	72	100	„	1	0	0	0	Pk. Pc. Ck. *c. b.* ⌓	*b.*	*b.*
23	56·1	66·1	64·0	57·7	61·0	53·7	·444	·521	·381	·448	·448	·413	96	60	37	86	70	99	„	3	2	1	1	Pc. Cs. C. *c.* ⌓ ≡	C. *c.*	K. C. *c.*
24	53·9	64·3	63·3	58·0	59·9	51·9	·415	·461	·357	·445	·420	·388	99	53	34	83	67	100	„	0	0	1	0	*b.* ⌓	C. *b. c.*	*b.*
25	53·9	63·2	63·8	57·3	59·6	51·8	·415	·442	·387	·438	·420	·383	98	53	39	85	69	98	„	5	8	2	3	C. Cs. *c.* ⌓	C. Cs. *c.*	C. Ck. *c.*
26	52·9	61·1	63·8	57·9	58·9	51·9	·386	·374	·397	·454	·403	·388	96	45	40	87	67	100	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
27	51·8	63·1	63·1	55·6	58·4	50·4	·383	·455	·372	·425	·409	·364	98	57	38	92	71	98	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
28	50·8	63·1	64·2	57·1	58·8	49·7	·368	·445	·401	·451	·416	·351	98	55	40	92	71	97	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
29	51·9	64·1	64·6	57·2	59·4	50·8	·385	·493	·417	·448	·436	·371	99	62	42	90	73	99	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
30	52·5	64·1	64·1	57·3	59·5	50·3	·395	·485	·399	·440	·430	·363	99	60	43	86	72	99	„	1	2	2	0	Ck. *c. b.* ⌓	C. *c.*	*b.*
Mean	53·2	62·5	63·3	57·3	59·1	51·7	·389	·410	·352	·430	·395	·372	90	48	34	81	63	92	*Nil*	1·87	1·33	1·70	0·43	...	...	...

ALLAHABAD—DECEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation					Wind.				
																			Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·666	29·728	29·589	29·640	29·648	52·7	72·1	78·2	61·0	65·2	80·6	50·8	29·8	9·9	138·7	58·1	39·1	11·7	ESE	S	NNW	Calm	27·4
2	·656	·744	·637	·713	·680	53·1	73·4	81·3	60·5	66·3	82·2	51·5	30·7	9·3	139·1	56·9	40·8	10·7	Calm	SW	N	Calm	25·2
3	·692	·768	·681	·718	·707	54·7	75·2	77·2	63·0	66·7	82·1	53·1	29·0	5·0	140·3	58·2	42·9	10·2	Calm	SSW	SSW	Calm	29·3
4	·697	·784	·698	·740	·724	58·8	76·2	75·8	61·2	67·2	78·8	56·6	22·2	3·2	135·2	56·4	48·4	8·2	NNE	NW	NW	W	39·9
5	·703	·756	·631	·679	·684	62·0	71·1	78·1	63·0	67·8	81·1	53·1	28·0	8·5	136·9	55·8	43·1	10·0	WSW	NW	W	WSW	81·2
6	·650	·710	·580	·656	·641	54·1	71·2	79·1	62·0	65·8	81·2	53·3	27·9	9·8	136·5	55·3	44·8	8·5	WSW	WNW	NW	Calm	131·2
7	·668	·750	·622	·680	·672	56·1	71·6	81·3	62·6	67·1	83·3	54·6	28·7	9·6	138·9	55·6	45·6	9·0	ESE	E	NE	ESE	80·5
8	·694	·765	·652	·725	·701	58·4	74·2	82·1	65·1	69·2	84·7	56·6	28·1	8·9	140·4	55·7	48·4	8·2	Calm	ESE	W	Calm	52·0
9	·693	·761	·608	·662	·673	58·8	75·2	81·9	65·9	69·6	83·4	57·0	26·4	9·7	139·5	56·1	48·3	8·7	Calm	NW	WNW	NW	24·9
10	·658	·736	·608	·649	·655	59·8	74·1	79·4	64·0	68·5	82·0	57·5	24·5	9·1	137·9	55·9	50·1	7·0	SW	W	W	Calm	54·4
11	·632	·720	·614	·699	·658	55·4	66·9	74·2	54·6	62·0	76·2	53·4	22·8	10·1	133·2	57·0	44·9	8·5	Calm	SE	N	Calm	120·3
12	·691	·770	·641	·708	·694	50·0	70·6	74·9	58·1	62·6	76·5	47·7	28·8	9·7	134·7	58·2	36·1	11·6	Calm	SE	NW	Calm	28·9
13	·685	·761	·629	·679	·680	51·1	68·1	72·1	53·1	60·3	76·3	48·6	27·7	10·0	133·9	57·6	37·1	11·5	WSW	NW	NNW	NNW	45·1
14	·666	·768	·676	·763	·710	46·2	63·8	73·2	52·1	58·0	74·6	44·6	30·0	10·1	134·2	59·6	31·4	13·2	Calm	SSE	E	Calm	36·0
15	·784	·849	·730	·768	·775	46·2	66·3	74·2	54·6	59·5	75·7	44·2	31·5	10·0	135·0	59·3	32·3	11·9	Calm	SE	E	ENE	31·8
16	·745	·811	·670	·711	·736	48·1	68·1	75·2	61·0	62·3	77·3	45·7	31·6	9·9	133·7	56·4	33·4	12·3	Calm	SE	E	ENE	92·0
17	·740	·825	·709	·752	·748	58·7	68·1	77·0	59·0	64·9	77·3	55·9	21·4	8·4	138·4	61·1	52·0	3·9	ENE	ENE	N	N	126·6
18	·753	·837	·729	·803	·772	53·5	70·1	75·3	58·8	63·6	77·7	50·5	27·2	9·7	134·5	56·8	41·1	9·4	WNW	E	NW	Calm	37·2
19	·884	·889	·734	·809	·821	52·7	66·9	74·2	58·0	62·1	76·3	50·3	26·0	9·9	133·1	56·8	40·8	9·5	Calm	N	NW	Calm	26·9
20	·772	·847	·710	·770	·765	52·4	69·1	75·2	61·0	63·6	77·0	50·1	26·9	9·6	134·6	57·6	40·3	9·8	Calm	S	ENE	ENE	37·1
21	·741	·792	·666	·739	·724	57·5	71·1	77·2	62·6	66·3	79·4	55·7	23·7	7·7	141·7	62·3	49·0	6·7	N	ESE	N	N	59·5
22	·722	·811	·693	·761	·739	57·0	66·1	73·2	57·8	62·7	75·3	55·5	19·8	9·6	132·7	57·4	49·1	6·4	WNW	NW	WSW	W	144·8
23	·758	·860	·767	·867	·805	50·1	61·0	70·1	50·7	57·2	71·9	48·0	23·9	10·2	130·3	58·4	38·9	9·1	WSW	W	W	Calm	132·2
24	·869	·961	·847	·889	·883	43·7	63·9	73·2	53·3	57·7	74·9	40·6	34·3	9·7	133·9	59·0	28·8	11·8	Calm	NE	N	Calm	27·8
25	·827	·886	·753	·783	·804	47·4	66·3	74·1	59·2	61·0	75·3	45·5	29·8	7·6	124·3	49·0	34·7	10·8	Calm	SW	W	SW	31·0
26	·669	·781	·666	·735	·705	54·0	69·9	75·2	58·2	63·5	77·7	52·1	25·6	9·2	133·7	56·0	44·8	7·3	SSE	NW	NW	W	112·8
27	·736	·825	·703	·788	·755	48·0	58·9	69·4	55·1	57·1	71·8	45·7	26·1	10·0	131·1	59·3	35·7	10·0	WSW	WSW	WNW	W	214·6
28	·798	·891	·762	·804	·806	43·8	59·0	68·9	50·1	54·7	70·7	41·6	29·1	10·1	130·9	60·2	30·1	11·5	WNW	W	WNW	W	152·9
29	·770	·845	·732	·825	·785	44·4	58·0	70·8	49·6	54·9	72·3	40·4	31·9	10·1	131·1	58·8	30·1	10·3	WSW	WNW	WNW	Calm	108·0
30	·768	·843	·715	·784	·769	44·4	63·3	73·8	53·6	58·0	75·5	40·5	35·0	9·9	132·7	57·2	29·6	10·9	WNW	WSW	WNW	NW	116·8
31	·734	·844	·745	·811	·776	47·7	62·4	73·4	51·6	58·0	75·3	43·7	31·6	9·9	132·3	57·0	34·1	9·6	WNW	NW	NW	WNW	101·5
Mean	29·726	29·804	29·684	29·745	29·732	52·3	68·1	75·5	58·1	62·7	77·6	49·8	27·7	Total 284·2	134·9	57·4	40·2	9·6	...	...	...	...	75·2

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	51·9	63·1	63·0	58·9	59·2	50·8	·377	·459	·374	·472	·421	·372	94	58	39	87	70	100	*Nil*	3	2	0	0	C. Cs. *c.* ≡	Cs. *c. b.*	*b.*
2	52·6	62·5	65·1	58·1	59·6	50·9	·391	·421	·404	·453	·417	·366	96	52	38	86	68	95	”	1	3	6	1	Ck. C. *c.* ≡	C. Ck. *c.*	Ck. *c.*
3	54·1	64·1	66·0	60·3	61·1	52·7	·412	·452	·491	·489	·461	·395	96	52	53	85	72	97	”	4	5	8	6	K. C. Cs. Ck. *c.* ⌓	Ck. C. *c.*	Pc. Ck. *c.*
4	57·1	63·1	65·1	60·1	61·4	56·2	·446	·404	·478	·507	·459	·449	90	45	54	93	70	98	”	5	8	9	2	Pc. Fk. C. Ck. *c.* ≡	Ck. Cs. Pc. C. *c.*	Pc. *c.*
5	60·1	63·1	64·9	58·1	61·6	52·9	·511	·472	·440	·420	·461	·400	89	62	45	73	67	98	”	8	4	2	1	Pc. Ck. Cs. C. *c.* ≡	C. Cs. *c.*	Pc. *c.*
6	52·1	61·1	64·0	58·1	58·8	51·4	·364	·406	·396	·433	·400	·357	87	53	40	78	64	87	”	3	1	2	0	C. Cs. *c.* ⌓	C. Cs. *c.*	*b.*
7	54·0	61·1	63·2	59·1	59·4	52·8	·391	·400	·340	·357	·372	·377	86	52	32	80	62	88	”	1	2	3	2	Ck. *c.* ≡	C. Ck. *c.*	Pc. *c.*
8	56·3	64·1	67·1	62·1	62·4	55·0	·427	·465	·451	·519	·466	·413	87	55	42	84	67	90	”	1	2	8	0	Ck. K. Cs. *c.* ≡	Ck. Cs. C. *c.*	*b.*
9	58·1	66·1	69·1	63·1	64·1	54·9	·476	·521	·540	·542	·520	·405	96	60	49	85	72	86	”	1	0	0	0	Ck. *c. b.* ⌓	*b.*	*b.*
10	59·1	66·6	64·1	59·1	62·2	57·1	·494	·552	·395	·438	·470	·463	96	66	39	73	68	98	”	3	0	0	0	Fk. Ck. *c.* ≡	*b.*	*b.*
11	52·1	57·1	59·1	52·5	55·2	51·2	·347	·338	·302	·369	·339	·349	79	51	36	86	63	85	”	0	0	0	0	*b.*	*b.*	*b.*
12	49·0	57·1	59·5	54·5	55·0	47·6	·335	·228	·302	·389	·311	·330	93	39	36	79	62	99	”	1	0	0	1	Ck. *c. b.* ≡	*b.*	Pc. *c.*
13	50·1	58·4	57·5	51·9	54·5	48·3	·305	·362	·281	·372	·330	·336	93	53	37	92	69	98	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
14	45·2	55·1	58·2	50·3	52·2	44·3	·289	·320	·287	·342	·309	·288	92	54	35	88	67	98	”	0	1	0	0	*b.* ⌓	C. *c. b.*	*b.*
15	45·4	57·4	58·9	52·3	53·5	44·1	·294	·355	·296	·363	·327	·289	94	54	35	85	67	99	”	0	0	2	2	*b.* ≡	C. Cs. *b. c.*	Pk. *c.*
16	47·1	57·1	60·1	54·4	54·7	44·2	·311	·323	·320	·338	·323	·271	93	47	37	62	60	88	”	0	0	0	1	*b.* ⌓	C. *b. c.*	Pc. *c. l.*
17	53·6	59·1	64·4	58·1	58·8	52·2	·346	·383	·438	·473	·410	·343	69	56	47	95	67	77	”	5	9	0	0	Pk. Fk. C. Ck. Cs. *c.*	Ck. C. *c. b.*	*b.*
18	53·1	62·1	62·1	57·1	58·6	50·4	·400	·452	·383	·446	·420	·366	97	61	44	90	73	99	”	1	0	0	0	Ck. *c. b.* ≡	*b.*	*b.*
19	51·9	58·8	61·5	56·5	57·2	50·3	·377	·390	·378	·439	·396	·366	94	60	44	91	72	100	”	1	0	0	0	K. C. *c.* ≡	*b.*	*b.*
20	52·1	62·1	63·1	58·1	58·8	50·1	·387	·466	·418	·447	·429	·363	98	65	48	83	73	100	”	0	1	3	2	Ck. C. *b. c.* ≡	Ċ. *c.*	C. *c.*
21	56·6	61·1	66·1	60·7	61·1	55·6	·448	·407	·494	·508	·464	·442	95	53	53	90	73	99	”	2	2	6	4	Pk. Pc. Ck. C. *c.*	C. Ck. *c.*	C. Fk. *c.*
22	56·1	59·6	60·2	52·3	57·1	55·1	·440	·426	·350	·321	·384	·431	95	66	43	67	68	98	”	1	2	0	2	C. Ck. Cs. *c.* ⌓	C. *c. b.*	C. Ck. c.
23	47·4	53·9	54·4	49·0	51·2	46·0	·293	·323	·217	·326	·290	·285	81	60	30	88	65	85	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
24	43·2	55·1	56·3	50·5	51·0	40·5	·274	·319	·230	·331	·288	·252	96	54	28	81	65	99	”	0	0	1	0	*b.* ≡	C. *b. c.*	*b.*
25	47·1	57·0	59·8	55·9	54·9	45·0	·321	·343	·325	·398	·347	·294	98	53	39	81	68	96	”	1	4	3	8	C. Cs. *c.* ≡	C. Cs. *c.*	Ck. *c.*
26	52·1	62·1	61·6	54·1	57·5	51·3	·366	·455	·368	·366	·389	·369	88	62	43	75	67	94	”	3	1	4	0	Fk. Ck. K. *c.* ⌓	Fk. Ck. C. Cs. *c.*	*b.*
27	45·2	50·2	52·3	48·1	49·0	43·7	·266	·250	·168	·245	·232	·260	79	49	23	56	52	84	”	0	0	0	0	*b.*	*b.*	*b.*
28	41·2	50·1	52·7	45·2	47·3	41·0	·227	·246	·185	·239	·224	·250	78	48	26	66	55	94	”	6	2	1	0	C. Cs. *c.*	C. Cs. *c.*	*b.*
29	41·2	49·4	54·4	47·1	48·0	38·9	·218	·241	·207	·292	·240	·219	74	49	27	82	58	87	”	0	0	2	1	*b.* ⊔	C. Cs. *b. c.*	Ck. *c.*
30	41·8	52·8	56·1	49·1	50·0	38·7	·232	·261	·217	·290	·250	·213	79	45	26	70	55	84	”	3	0	3	1	C. Cs. *c. b.*	C. Cs. *b. c.*	Ck. *c.*
31	44·1	53·1	58·1	48·3	50·9	41·8	·243	·282	·282	·296	·276	·241	73	50	34	77	59	84	”	1	1	1	0	Ck. C. *c.*	C. *c.*	*b.*
Mean	50·7	58·8	60·9	54·9	56·3	48·9	·355	·378	·347	·394	·369	·340	89	54	39	81	66	93	*Nil*	1·77	1·61	2·06	1·10	...	...	...

LUCKNOW—

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·598	29·482	62·8	73·7	76·2	48·0	28·2	131·2	55·0	38·1	9·9	W	WNW	W	WSW	168
2	·656	·581	59·8	70·7	72·1	46·0	26·1	127·7	55·6	36·6	9·4	W	W	N	N	57
3	·708	·603	65·3	73·7	75·7	44·0	31·7	126·7	51·0	36·6	7·4	NNW	Calm	E	Calm	15
4	·741	·608	65·8	75·7	78·2	47·0	31·2	129·7	51·5	39·1	7·9	E	Calm	SE	S	23
5	·685	·581	66·8	73·7	76·2	49·0	27·2	126·7	50·5	42·1	6·9	S	Calm	W	W	50
6	·719	·622	65·8	74·7	77·2	48·0	29·2	127·7	50·5	39·1	8·9	Calm	Calm	W	WNW	29
7	·729	·614	61·8	75·7	77·2	43·0	34·2	128·7	51·5	34·6	8·4	Calm	Calm	W	W	60
8	·673	·542	66·8	75·7	78·2	43·5	34·7	134·2	56·0	32·1	11·4	W	W	W	W	84
9	·734	·645	62·8	74·7	77·2	42·0	35·2	129·7	52·5	34·1	7·9	NW	NW	SE	SE	45
10	·723	·577	64·8	74·7	76·2	43·5	32·7	127·7	51·5	35·6	7·9	SE	Calm	ENE	Calm	13
11	·675	·568	63·8	73·7	76·7	45·5	31·2	124·7	48·0	38·1	7·4	Calm	Calm	Calm	Calm	13
12	·667	·564	68·8	75·7	80·2	45·0	35·2	130·7	50·5	37·1	7·9	S	Calm	NW	NNW	24
13	·665	·545	68·8	78·7	81·2	47·0	34·2	132·7	51·5	40·1	6·9	NNW	WSW	WSW	WSW	73
14	·658	·559	67·3	75·7	77·2	52·0	25·2	132·7	55·5	46·1	5·9	WSW	WSW	WNW	WNW	129
15	·697	·582	64·8	71·2	74·1	49·0	25·1	126·7	52·6	44·1	4·9	WNW	WNW	WNW	WNW	72
16	·717	·608	62·8	73·7	78·2	49·0	29·2	124·7	46·5	43·1	5·9	WNW	WNW	NNW	NNW	51
17	·736	·616	66·8	72·7	75·2	51·0	24·2	117·7	42·5	40·6	10·4	NNW	NNE	Calm	E	29
18	·717	·592	71·7	75·7	81·2	51·0	30·2	133·7	52·5	44·1	6·9	Calm	Calm	NE	Calm	14
19	·634	·502	69·7	76·7	79·2	48·0	31·2	130·7	51·5	39·1	8·9	N	N	WNW	WNW	83
20	·616	·483	65·8	77·7	79·2	53·0	26·2	132·7	53·5	42·1	10·9	WNW	NW	W	N	114
21	·633	·532	63·8	76·7	78·2	49·0	29·2	132·7	54·5	40·6	8·4	N	N	N	Calm	50
22	·618	·467	67·3	77·7	80·2	48·0	32·2	130·7	50·5	39·1	8·9	N	NNE	ESE	ESE	23
23	·533	·391	67·8	77·7	81·2	55·0	26·2	139·7	58·5	50·1	4·9	SE	E	NE	ESE	69
24	·568	·469	66·8	72·7	75·2	54·1	21·1	136·7	61·5	46·1	8·0	E	Calm	WNW	WNW	101
25	·668	·578	63·8	69·7	71·1	49·0	22·1	129·7	58·6	40·1	8·9	NW	WNW	WNW	W	175
26	·603	·534	57·8	70·7	71·1	42·0	29·1	130·7	59·6	34·1	7·9	W	W	WNW	WNW	157
27	·610	·510	58·8	70·7	73·1	43·0	30·1	137·7	64·6	30·1	12·9	WNW	W	W	WNW	134
28	·672	·613	60·8	71·7	73·1	39·9	33·2	133·7	60·6	28·1	11·8	WNW	WNW	WNW	WNW	99
29	·786	·687	59·8	72·7	74·1	41·0	33·1	135·2	61·1	29·1	11·9	WNW	Calm	WNW	WNW	56
30	·753	·648	62·8	73·7	75·2	38·9	36·3	134·7	59·5	28·1	10·8	WNW	WNW	NW	NNW	63
31	·773	·661	64·8	72·7	77·2	39·9	37·3	141·4	64·2	28·1	11·8	NNW	NNW	WNW	WNW	61
Mean	29·676	29·567	64·7	74·2	76·7	46·6	30·1	131·0	54·3	37·9	8·7	...	...	...	...	69

JANUARY 1890.

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	51·0	56·1	43·7	·219	·218	·230	38	26	69	*Nil*	0	0	*b.*	*b.*
2	48·9	57·1	41·6	·203	·288	·207	39	39	66	„	0	0	*b.*	*b.*
3	57·6	61·1	43·2	·374	·372	·270	60	45	94	„	0	0	*b.*	*b.*
4	59·1	62·1	45·7	·414	·378	·292	65	43	92	„	0	0	*b.*	*b.*
5	59·1	62·1	47·7	·400	·405	·316	61	49	91	„	0	0	*b.*	*b.*
6	58·1	61·1	46·7	·383	·359	·303	60	42	91	„	0	0	*b.*	*b.*
7	53·0	58·1	41·6	·287	·251	·245	52	28	89	„	0	0	*b.*	*b.*
8	54·0	55·6	40·6	·249	·177	·216	38	21	76	„	0	0	*b.*	*b.*
9	54·5	58·1	40·6	·316	·265	·236	56	31	88	„	4	6	K. c.	K. c.
10	58·6	61·1	42·7	·411	·359	·265	67	42	94	„	0	4	*b.*	K. c.
11	59·1	63·1	44·7	·440	·438	·287	74	53	94	„	0	7	*b.*	Ck. c.
12	61·1	63·1	43·7	·437	·411	·269	62	46	90	„	4	4	K. c.	K. c.
13	60·6	62·1	46·2	·421	·338	·304	60	34	94	„	0	0	*b.*	*b.*
14	56·1	58·1	47·2	·303	·251	·263	45	28	67	„	0	0	*b.*	*b.*
15	55·1	59·6	45·7	·307	·357	·265	50	47	76	„	2	10	Ck. c.	Cs. o.
16	56·1	61·1	46·7	·363	·372	·290	63	45	83	„	6	6	Ck. c.	Ck. c.
17	61·1	63·1	49·7	·464	·451	·331	70	56	91	„	7	8	Ck. c.	Ck. c.
18	64·0	64·5	49·7	·495	·459	·341	63	52	91	„	5	8	C. c.	Ck. c.
19	58·1	61·1	47·2	·331	·332	·315	46	36	94	„	2	4	C. c.	C. c.
20	57·1	59·1	49·7	·353	·255	·314	55	27	78	„	0	0	*b.*	*b.*
21	57·1	62·1	46·7	·379	·365	·290	64	40	83	„	0	0	*b.*	*b.*
22	60·1	63·1	46·7	·425	·384	·303	63	41	91	„	0	0	*b.*	*b.*
23	60·1	63·1	52·6	·419	·384	·366	61	41	85	„	3	6	Cs. c.	Cs. c.
24	60·1	58·1	52·6	·432	·291	·379	65	37	90	„	0	7	*b.*	Cs. c.
25	53·0	52·0	43·7	·260	·155	·216	44	23	62	„	0	0	*b.*	*b.*
26	47·9	53·0	36·6	·205	·169	·148	42	23	56	„	0	0	*b.*	*b.*
27	47·9	50·0	37·6	·192	·089	·156	38	12	57	„	5	3	Cs. c.	Cs. c.
28	48·4	52·0	35·6	·177	·129	·154	32	17	63	„	0	0	*b.*	*b.*
29	48·9	53·0	37·1	·203	·143	·171	39	18	67	„	0	3	*b.*	K. c.
30	52·0	54·0	37·1	·246	·158	·198	43	19	84	„	0	3	*b.*	K. c.
31	51·5	54·5	37·6	·206	·185	·196	34	24	80	„	5	7	C. c.	C. c.
Mean	55·8	58·8	44·1	·333	·296	·262	5	35	81	Total *Nil*	1·4	2·8	...	...

LUCKNOW—FEBRUARY 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·807	29·700	62·8	72·7	73·6	38·9	34·7	136·7	63·1	29·1	9·8	Calm	N	N	N	44
2	·833	·722	59·8	75·7	76·7	41·0	35·7	134·2	57·5	30·1	10·9	N	N	NW	NNW	78
3	·790	·655	62·8	73·2	75·2	45·0	30·2	135·7	60·5	29·1	15·9	NNW	NW	WNW	WNW	142
4	·736	·623	63·8	72·7	76·2	42·0	34·2	136·7	60·5	29·3	12·7	WNW	WNW	WNW	W	89
5	·738	·621	64·8	76·7	78·7	38·9	39·8	137·7	59·0	28·3	10·6	W	W	NNW	Calm	32
6	·767	·623	67·8	97·7	80·2	37·9	42·3	135·7	55·5	27·1	10·8	Calm	Calm	SSE	SSE	17
7	·719	·596	69·7	79·7	82·2	42·0	40·2	138·2	56·0	33·1	8·9	Calm	Calm	W	Calm	10
8	·764	·662	70·7	79·7	81·7	46·0	35·7	137·7	56·0	37·1	8·9	Calm	WNW	NW	NNW	32
9	·777	·713	69·7	78·7	81·2	49·0	32·2	138·2	57·0	38·1	10·9	NNW	NNW	WNW	WNW	185
10	·772	·633	65·8	77·7	78·7	48·0	30·7	137·2	58·5	42·1	5·9	WNW	WNW	W	W	173
11	·753	·647	66·8	81·7	83·2	46·0	37·2	139·2	56·0	33·1	12·9	W	W	W	W	65
12	·702	·590	69·9	82·7	84·2	46·0	38·2	138·2	54·0	38·6	7·4	W	Calm	WNW	WNW	51
13	·681	·534	67·8	83·7	85·3	51·0	34·3	141·7	56·4	42·1	8·9	WNW	Calm	NE	NE	10
14	·630	·482	73·7	82·7	84·2	50·0	34·2	141·7	57·5	41·1	8·9	NE	NNE	W	W	97
15	·530	·363	76·7	83·7	86·3	47·2	39·1	142·7	56·4	37·1	10·1	W	W	WNW	WNW	56
16	·381	·289	74·7	84·6	86·8	54·0	32·8	139·2	52·4	44·1	9·9	SSW	SSE	SSE	ENE	130
17	·482	·433	70·9	76·7	79·7	54·0	25·7	144·7	65·0	47·1	6·9	ENE	N	WNW	WNW	208
18	·594	·517	71·7	80·2	82·2	54·2	28·0	141·7	59·5	47·1	7·1	NW	NW	WNW	NW	151
19	·625	·507	73·7	80·9	83·2	48·5	34·7	141·7	58·5	42·1	6·4	NW	NW	N	N	84
20	·667	·554	73·9	83·7	86·3	49·0	37·3	142·2	55·9	40·1	8·9	N	N	WNW	NNW	77
21	·626	·487	76·9	85·6	88·3	52·2	36·1	144·2	55·9	46·1	6·1	NNW	NNW	WNW	WNW	139
22	·593	·492	70·7	82·7	83·7	56·0	27·7	143·7	60·0	52·1	3·9	WNW	WNW	WNW	WNW	182
23	·665	·521	74·9	86·1	88·3	54·2	34·1	146·7	58·4	45·1	9·1	WNW	WNW	NW	WNW	69
24	·659	·539	79·7	86·6	87·8	58·9	28·9	150·7	62·9	53·1	5·8	NW	W	WNW	WNW	100
25	·593	·412	74·7	88·6	90·3	56·9	33·4	150·7	60·4	49·3	7·6	WNW	N	WSW	ENE	68
26	·573	·472	75·7	82·7	86·8	55·2	31·6	148·7	61·9	49·1	6·1	ENE	NNE	N	WNW	192
27	·591	·493	75·9	83·7	85·3	59·4	25·9	144·2	58·9	53·1	6·3	WNW	WNW	W	SSW	233
28	·606	·493	73·7	82·7	85·3	54·0	31·3	149·7	64·4	48·1	5·9	SSW	SSW	SSW	SSW	160
Mean	29·666	29·549	70·7	80·8	82·9	49·1	33·8	141·4	58·5	40·4	8·7	...	...	...	..	103

DATE.	TEMPERATURE OF EVAPORATION.			COMPUTED VAPOUR TENSION.			RELATIVE HUMIDITY.			Rainfall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	48·9	55·1	37·6	·164	·202	·209	28	25	88	*Nil*	0	0	*b.*	*b.*
2	48·9	55·1	38·6	·203	·162	·204	39	18	80	"	0	0	*b.*	*b.*
3	50·0	54·0	40·1	·193	·166	·185	34	20	62	"	0	0	*b.*	*b.*
4	51·0	55·1	37·6	·206	·202	·168	35	25	63	"	0	5	*b.*	Ck. *c.*
5	51·5	56·6	36·6	·206	·193	·188	34	22	80	"	0	0	*b.*	*b.*
6	54·0	58·1	36·6	·236	·225	·201	34	24	88	"	2	0	K. *c.*	*b.*
7	56·1	59·1	40·6	·271	·229	·236	38	23	88	"	3	4	K. *c.*	K. *c.*
8	57·1	61·1	44·1	·288	·292	·265	39	29	85	"	0	0	*b.*	*b.*
9	55·1	58·6	44·7	·242	·227	·241	34	24	69	"	0	0	*b.*	*b.* /
10	52·0	59·1	40·6	·207	·255	·157	32	27	44	"	0	0	*b.* /	*b.* /
11	55·3	60·6	41·6	·287	·249	·207	43	24	67	"	0	0	*b.*	*b.*
12	58·1	63·1	43·7	·329	·318	·256	45	28	82	"	0	0	*b.*	*b.*
13	58·1	64·2	48·2	·356	·341	·301	52	29	80	"	8	0	Cs. *c.*	*b.*
14	62·1	63·1	47·7	·405	·318	·303	49	28	84	"	0	0	*b.*	*b.*
15	62·6	62·6	44·7	·381	·288	·264	42	26	81	"	0	0	*b.*	*b.*
16	60·6	67·0	49·2	·342	·285	·288	40	36	69	"	6	6	Ck. *c.*	Ck. *c.*
17	58·8	61·1	49·7	·336	·332	·301	45	36	72	"	7	7	Ck. *c.*	Ck. *c.*
18	59·1	62·8	46·7	·335	·341	·221	43	33	52	"	0	6	*b.*	Ck. *c.* /
19	60·1	61·1	44·7	·340	·276	·247	41	26	72	"	0	0	*b.*	*b.*
20	60·1	65·0	44·7	·337	·369	·241	40	32	68	"	0	0	*b.*	*b.*
21	65·0	67·0	48·7	·459	·414	·298	49	34	76	"	0	0	*b.*	*b.*
22	59·1	63·1	48·7	·348	·318	·248	46	28	55	"	4	5	C. *c.*	Ck. *c.* /
23	61·1	67·0	48·7	·355	·407	·272	41	33	65	"	0	0	*b.*	*b.*
24	65·0	69·0	54·6	·422	·474	·371	42	38	74	"	7	5	Ck. *c.*	Ck. *c.*
25	65·0	70·2	54·6	·489	·492	·398	57	36	85	"	6	3	Ck. *c.*	K. c.
26	64·0	66·2	52·6	·441	·424	·364	50	38	83	"	4	8	Ck .*c.*	Cs. *c.* / ∞
27	55·1	64·0	48·7	·160	·334	·204	17	29	40	"	0	0	*b.*	*b.* / ∞
28	55·1	58·6	45·7	·189	·174	·200	23	16	47	"	0	10	*b.*	Cs. *o.* / ∞
Mean	57·5	61·7	45·0	·305	·297	·251	40	28	71	Total *Nil*	1·7	2·1	...	...

LUCKNOW—MARCH 1890.

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.				WIND.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·608	29·485	68·8	86·6	87·3	55·0	32·3	147·2	59·9	44·6	10·4	S	S	SSE	SSE	71
2	·634	·523	77·7	88·6	90·3	50·0	40·3	149·2	58·9	43·1	6·9	SSE	SSE	SSE	Calm	38
3	·666	·529	80·7	81·4	90·0	52·0	38·0	151·7	61·7	46·1	5·9	SSE	SSE	S	SSE	113
4	·695	·624	66·3	73·2	75·2	61·9	13·3	125·7	50·5	56·1	5·8	S	SSE	SSE	SE	122
5	·678	·536	72·7	79·7	82·2	58·9	23·3	148·7	66·5	54·3	4·6	SSW	NNE	N	N	114
6	·651	·537	75·7	84·6	86·8	56·0	30·8	148·7	61·9	48·6	7·4	NNE	W	W	W	174
7	·579	·487	74·9	84·6	87·8	57·4	30·4	160·7	72·9	46·3	11·1	NW	NW	NW	WNW	131
8	·568	·480	75·7	80·9	85·3	55·5	29·8	152·9	67·6	45·3	10·2	WNW	WNW	WNW	WNW	124
9	·569	·474	75·7	84·6	87·3	59·9	27·4	149·7	62·4	53·1	6·8	SE	SE	SSE	SSE	76
10	·596	·489	78·2	85·1	87·3	52·0	35·3	152·4	65·1	47·1	4·9	Calm	W	WSW	WSW	84
11	·483	·370	80·7	87·8	89·8	61·9	27·9	149·7	59·9	53·1	8·8	WSW	WSW	WSW	W	149
12	·507	·427	81·7	82·4	86·3	57·4	28·9	142·7	56·4	49·1	8·3	W	Calm	WNW	WNW	119
13	·477	·394	80·9	85·6	87·8	56·9	30·9	146·9	59·1	48·1	8·8	WNW	WNW	W	W	201
14	·415	·272	73·7	87·6	89·3	58·9	30·4	151·4	62·1	51·1	7·8	W	SW	W	W	179
15	·404	·316	80·2	87·3	89·3	61·9	27·4	149·7	60·4	55·8	6·1	W	W	W	WSW	150
16	·430	·289	82·7	90·8	93·3	59·9	33·4	154·2	60·9	54·1	5·8	WSW	SE	ESE	SSE	101
17	·453	·342	83·9	90·6	92·3	58·9	33·4	152·7	60·4	50·1	8·8	SSW	SSW	W	Calm	119
18	·415	·303	86·6	94·7	98·3	58·1	40·2	156·7	58·4	51·1	7·0	W	S	NE	NE	75
19	·492	·337	83·9	93·5	95·8	71·8	24·0	155·7	59·9	59·6	12·2	NNW	NE	ESE	NE	184
20	·500	·381	86·6	90·6	94·3	63·9	30·4	161·4	67·1	55·8	8·1	NE	E	ESE	ESE	169
21	·460	·412	77·7	85·8	88·3	65·9	22·4	145·2	56·9	59·6	6·3	SW	W	ESE	ESE	96
22	·472	·365	85·6	91·1	93·3	61·9	31·4	154·7	61·4	53·1	8·8	ENE	ENE	WNW	W	163
23	·468	·357	87·6	92·7	95·3	64·9	30·4	153·7	58·4	57·8	7·1	W	WNW	WNW	WNW	238
24	·432	·304	91·6	96·2	98·3	63·9	34·4	161·7	63·4	55·6	8·3	WNW	WNW	WSW	W	103
25	·422	·306	87·6	93·5	96·5	66·9	29·6	163·7	67·2	57·3	9·6	W	W	SW	SW	159
26	·434	·326	87·6	91·6	94·8	70·8	24·0	153·7	58·9	58·8	12·0	SW	SW	SW	SSW	208
27	·467	·353	85·6	93·5	96·3	60·4	35·9	163·7	67·4	51·1	9·3	SSW	SSW	S	S	138
28	·452	·367	89·6	95·5	98·8	63·4	35·4	157·4	58·6	56·1	7·3	S	S	SSE	SSE	96
29	·394	·282	91·6	96·5	97·3	65·4	31·9	156·7	59·4	55·8	9·6	SSE	SSE	ESE	SE	164
30	·490	·382	87·6	96·7	97·3	65·9	31·4	157·7	60·4	57·1	8·8	SE	NW	NW	W	205
31	·501	·374	90·6	97·0	98·3	62·9	35·4	158·2	59·9	54·1	8·8	W	W	WNW	WNW	190
Mean	29·510	29·401	81·6	88·7	91·3	60·7	30·6	152·7	61·4	52·5	8·1	...	...	...	...	137

LUCKNOW—MARCH 1890.

DATE.	TEMPERATURE OF EVAPORATION.			COMPUTED VAPOUR TENSION.			RELATIVE HUMIDITY.			Rainfall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	10 hours.	16 hours.	Mini-mum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	57·1	61·1	48·7	·313	·200	·262	44	16	60	*Nil*	8	5	K. *c.*	K. *c.*
2	62·1	65·0	47·7	·351	·303	·302	37	23	84	"	0	0	*b.*	*b.*
3	60·1	60·6	48·7	·247	·253	·301	24	24	77	"	0	10	*c.*	Pc. *o.*
4	63·6	63·1	58·1	·553	·445	·435	86	55	78	0·16	10	8	Pc. *o.*	Ck. *c.*
5	64·0	65·0	57·3	·481	·422	·451	59	42	91	0·02	0	6	*b.*	Ck. *c.*
6	61·1	65·0	52·1	·346	·357	·338	39	30	75	*Nil*	0	2	*b.*	Ck. *c.*
7	58·1	60·6	50·6	·262	·211	·280	30	18	59	"	0	0	*b.*	*b.*
8	59·1	60·1	48·9	·283	·244	·261	32	23	59	"	6	10	Pk. *c.*	Pc. *o.*
9	60·1	62·1	54·6	·314	·259	·358	35	22	70	"	9	1	Pk. *c.*	K. *c.*
10	61·1	62·6	50·2	·312	·269	·341	32	23	88	"	2	10	Cs. c.	Cs. *o.*
11	62·1	63·3	52·6	·311	·256	·275	30	19	50	"	6	2	Ck. *c.*	K. *c.*
12	62·1	62·1	52·1	·298	·288	·321	28	26	68	"	8	10	Ck. *c.*	Pc. *o.*
13	60·1	61·1	49·7	·244	·213	·263	23	17	57	"	6	7	Ck. *c.*	Ck. *c.* ↗
14	58·6	64·0	51·1	·293	·282	·273	36	22	55	"	8	4	Ck. *c.*	Ck. *c.* ↗
15	60·1	63·1	52·6	·254	·256	·275	25	20	50	"	6	0	Ck. *c.*	*b.* ↗ ∞
16	62·1	65·2	54·6	·285	·281	·358	26	19	69	"	6	5	K. *c.*	K. *c.*
17	63·1	65·2	53·6	·301	·283	·343	26	19	69	"	0	0	*b.*	*b.* ↗ ∞
18	63·1	70·5	52·6	·265	·422	·325	21	26	67	"	0	0	*b.*	*b.*
19	65·0	70·0	61·5	·366	·419	·411	31	26	53	"	8	6	Pk. *c.*	K. *c.*
20	69·0	68·2	60·5	·474	·390	·484	38	27	81	"	0	8	*b.*	Pk. *c.*
21	68·0	66·2	59·5	·556	·383	·425	59	31	66	0·01	10	6	P. *o.*	K. *c.*
22	66·0	68·0	57·6	·378	·377	·420	31	26	76	*Nil*	0	3	*b.*	K. *c.* ↗ ∞
23	63·1	64·0	56·6	·252	·214	·350	19	14	57	"	0	6	*b.*	K. *c.* ↗ ∞
24	65·0	69·2	56·6	·263	·352	·363	18	21	61	"	4	7	K. *c.*	K. *c.*
25	66·0	65·5	58·7	·352	·255	·388	27	17	59	"	5	3	K. *c.*	K. *c.* ↗ ∞
26	64·0	66·0	56·6	·282	·298	·272	22	20	37	"	0	0	*b.*	*b.* ↗ ∞
27	63·1	66·5	53·6	·279	·290	·323	23	19	61	"	0	0	*b.*	*b.* ↗ ∞
28	66·0	67·5	56·6	·325	·299	·370	23	18	64	"	0	5	*b.*	K. *c.*
29	66·0	67·5	55·6	·298	·286	·314	20	17	50	"	0	3	*b.*	K. *b.* ↗ ∞
30	64·0	67·0	54·6	·282	·265	·278	22	15	44	"	0	0	*b.*	*b.* ↗ ∞
31	67·0	69·0	53·6	·347	·334	·290	24	19	51	"	0	0	*b.*	*b.* ↗ ∞
Mean	62·9	65·0	54·1	·328	·303	·337	32	23	64	Total 0·19	3·3	4·1	...	...

LUCKNOW—APRIL 1890.

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.				WIND.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·464	29·357	85·6	95·5	98·3	68·9	29·4	157·7	59·4	64·1	4·8	WNW	NW	WNW	WNW	279
2	·482	·375	89·8	98·5	100·3	66·9	33·4	159·7	59·4	58·6	8·3	WNW	W	NE	NW	171
3	·485	·375	92·5	98·5	100·8	61·9	38·9	159·7	58·9	53·1	8·8	NW	NW	NE	NNE	141
4	·515	·408	91·6	99·4	100·3	62·9	37·4	159·7	59·4	55·1	7·8	NE	NE	NNE	NNE	109
5	·507	·364	93·0	101·4	102·3	60·1	42·2	162·2	59·9	51·6	8·5	NNE	NE	NNE	NE	94
6	·527	·399	92·5	103·6	104·3	62·9	41·4	163·2	58·9	54·1	8·8	NE	NNE	E	E	56
7	·568	·435	92·3	102·6	103·8	63·9	39·9	161·2	57·4	55·6	8·3	E	S	SSE	Calm	56
8	·523	·381	95·7	103·6	105·3	64·9	40·4	166·7	61·4	56·1	8·8	SSE	SSE	ENE	NNE	114
9	·443	·309	96·5	104·4	106·3	74·8	31·5	162·7	56·4	59·1	15·7	NNE	NE	NE	NNE	234
10	·466	·318	99·0	103·6	105·3	78·0	27·3	162·7	57·4	70·1	7·9	NNE	W	NE	NE	218
11	·409	·284	95·5	103·6	104·8	74·8	30·0	162·2	57·4	67·1	7·7	NNE	NNE	NE	NE	210
12	·375	·279	96·7	102·1	106·3	70·8	35·5	162·7	56·4	58·3	12·5	NE	NNE	N	Calm	120
13	·391	·271	95·5	101·1	106·3	71·8	34·5	165·7	59·4	63·1	8·7	N	NNW	NNE	NNE	132
14	·345	·230	96·7	99·6	101·3	74·8	26·5	160·7	59·4	68·1	6·7	WNW	W	NNE	NE	178
15	·369	·263	96·0	102·6	104·3	69·9	34·4	163·7	59·4	59·1	10·8	NE	NNW	NNE	NNW	161
16	·391	·230	97·7	105·9	107·8	67·9	39·9	172·2	64·4	59·1	8·8	NNW	WSW	NW	Calm	73
17	·337	·250	94·5	92·5	96·8	70·8	26·0	153·7	56·9	66·1	4·7	Calm	N	N	N	143
18	·368	·250	91·6	101·6	102·3	69·9	32·4	159·7	57·4	63·1	6·8	N	N	?	?	83
19	·439	·327	96·0	101·6	103·3	70·8	32·5	167·7	64·4	63·1	7·7	?	?	?	?	129
20	·460	·349	92·5	102·4	103·3	67·9	35·4	161·7	58·4	60·1	7·8	?	?	NE	NNE	153
21	·344	·197	92·3	103·9	106·8	76·8	30·0	164·7	57·9	59·1	17·7	NNE	ESE	W	W	176
22	·323	·180	93·5	106·6	107·3	71·8	35·5	164·7	57·4	63·1	8·7	NE	NE	W	W	123
23	·306	·171	98·2	108·4	109·3	79·8	29·5	167·7	58·4	73·1	6·7	WSW	W	SW	SW	198
24	·256	·150	99·6	104·4	108·8	77·8	31·0	169·2	60·4	67·6	10·2	SSW	NW	SW	SSW	303
25	·404	·277	86·8	90·6	93·3	79·8	13·5	157·7	64·4	70·6	9·2	SSW	SW	WSW	Calm	206
26	·454	·338	80·2	91·6	93·5	74·3	19·2	154·7	61·2	70·1	4·2	W	NW	S	SSW	158
27	·489	·374	78·7	92·1	92·3	64·9	27·4	150·7	58·4	58·1	6·8	N	NW	W	W	107
28	·394	·244	89·6	97·5	98·8	69·4	29·4	155·2	56·4	60·1	9·3	W	W	WNW	WNW	152
29	·333	·237	95·5	103·4	104·8	73·8	31·0	161·7	56·9	63·1	10·7	WNW	W	WNW	NW	132
30	·406	·265	95·5	106·4	107·3	71·8	35·5	163·7	56·4	58·1	13·7	NW	NNE	N	Calm	71
Mean	29·419	29·296	93·0	101·0	102·9	70·5	32·4	161·9	59·0	61·6	8·9	...	...	...	...	149

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	61·1	64·2	53·6	·213	·183	·210	17	10	30	*Nil*	0	0	*b.* ↗ ∞	*b.* ↗ ∞
2	63·6	66·2	53·1	·239	·212	·223	18	11	33	„	0	0	*b.* ↗ ∞	*b.* ↗ ∞
3	65·0	67·0	54·6	·251	·241	·331	16	13	60	„	0	0	*b.*	*b.* ↗ ∞
4	66·0	67·0	54·6	·298	·228	·318	20	12	56	„	0	0	*b.*	*b.* ↗ ∞
5	65·5	67·0	53·1	·262	·201	·313	17	10	60	„	0	0	*b.*	*b.* ↗ ∞
6	67·0	67·2	53·6	·321	·180	·290	21	8	51	„	0	5	*b.*	K. *c.*
7	70·0	73·2	55·1	·435	·422	·319	28	20	54	„	0	4	*b.*	K. *c.*
8	68·5	68·0	58·5	·333	·209	·407	21	10	66	„	0	0	*b.*	*b.*
9	71·0	74·0	58·5	·417	·430	·276	24	19	32	„	0	5	*b.*	K. *c.* H↗ ∞
10	66·5	67·2	58·5	·216	·180	·233	12	8	25	„	0	0	*b.* H↗ ∞	*b.* H↗ ∞
11	66·0	67·5	57·6	·245	·191	·248	15	9	29	„	0	0	*b.* ↗ ∞	*b.* H↗ ∞
12	66·7	68·5	57·1	·254	·248	·287	15	13	39	„	0	0	*b.* ∞	*b.* ∞
13	69·2	70·0	60·5	·362	·317	·378	21	16	49	„	0	0	*b.*	*b.*
14	67·2	67·2	56·6	·272	·233	·21	15	12	26	„	0	0	*b.* ↗ ∞	*b.* ↗ ∞
15	67·5	66·0	56·8	·293	·151	·29	18	7	40	„	0	0	*b.*	*b.*
16	67·5	69·0	56·6	·270	·214	·310	16	9	46	„	4	5	K. *c.*	K. *c.*
17	68·2	68·0	61·5	·338	·357	·424	20	23	56	„	8	8	K. *c.* ∞	K. *c.* ↗ ∞
18	70·0	71·2	61·5	·445	·356	·436	30	17	59	„	0	5	*b.* ∞	K *c.* ∞
19	70·5	72·2	62·7	·405	·395	·46	24	19	62	„	0	5	*b.* ↗ ∞	K. *c.*
20	70·0	68·7	57·6	·432	·250	·340	28	13	50	„	0	0	*b.*	*b.*
21	68·5	71·7	63·7	·379	·345	·417	25	16	46	„	0	0	*b.* ↗ ∞	*b.* H↗ ∞
22	74·2	70·0	62·0	·587	·243	·426	37	11	55	„	0	0	*b.* H↗ ∞	*b.* H↗ ∞
23	70·0	72·7	62·5	·356	·323	·336	20	14	33	„	4	4	K. *c.* H↗ ∞	K. *c.* H↗ ∞
24	67·0	70·0	61·0	·226	·272	·314	12	13	33	„	4	0	K. *c.* H↗ ∞	*b.* H↗ ∞
25	67·5	72·0	65·5	·416	·536	·438	33	37	43	0·02	8	7	Pc. *c.*	Pc. *c.*
26	67·0	69·0	62·5	·486	·407	·410	47	27	49	*Nil*	8	3	Pc. *c.*	K. *c.*
27	68·0	67·0	62·5	·543	·327	·535	55	22	87	0·11	0	6	*b.*	K. *c.*
28	67·5	68·5	62·0	·379	·309	·458	28	18	63	*Nil*	0	0	*b.* H↗ ∞	*b.* H↗ ∞
29	71·0	71·0	63·0	·430	·324	·433	26	15	52	„	0	0	*b.*	*b.*
30	71·0	73·0	64·0	·430	·362	·493	26	16	63	„	0	0	*b.*	*b.*
Mean	68·0	69·1	59·0	·351	·288	·353	24	15	48	Total 0·13	1·2	1·9	...	...

LUCKNOW—MAY 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·384	29·234	99·6	108·4	108·8	73·8	35·0	165·2	56·4	65·1	8·7	NNW	NNW	NNW	NNW	150
2	·307	·156	99·9	110·4	110·8	76·8	34·0	167·7	56·9	71·6	5·2	NW	N	WNW	WNW	149
3	·261	·147	103·4	109·9	110·3	81·3	29·0	166·7	56·4	73·6	7·7	WNW	NW	WNW	WNW	175
4	·347	·245	101·4	109·4	111·3	74·3	37·0	168·2	57·9	63·1	11·1	WNW	NW	WNW	NW	141
5	·361	·305	101·4	109·4	112·3	72·8	39·5	170·2	57·9	70·1	2·7	NW	N	NW	WNW	152
6	·299	·189	100·9	107·4	108·8	82·8	26·0	166·7	57·9	73·1	9·7	WNW	NW	WNW	WNW	262
7	·222	·079	100·4	105·4	106·3	77·8	28·5	165·7	59·4	70·1	7·7	W	NW	WNW	W	173
8	·145	·053	103·4	107·4	109·3	74·8	34·5	167·2	57·9	68·3	6·5	W	WSW	SW	W	131
9	·224	·176	98·5	100·6	102·8	77·8	25·0	161·7	58·9	74·1	3·7	WNW	NW	W	W	196
10	·290	·201	96·7	112·4	115·3	75·8	39·5	162·7	47·4	63·1	12·7	W	W	WNW	WNW	181
11	·295	·192	100·4	106·4	109·3	70·8	38·5	167·2	57·9	65·6	5·2	WNW	WSW	NW	WNW	130
12	·296	·178	93·5	103·4	106·3	76·8	29·5	159·7	53·4	70·1	6·7	WNW	E	ESE	SSE	134
13	·368	·249	93·5	104·4	105·3	80·8	24·5	163·7	58·4	77·1	3·7	ENE	SE	SSE	WNW	194
14	·437	·299	89·6	98·5	101·3	75·8	25·5	157·7	56·4	73·1	2·7	ESE	ESE	E	E	190
15	·408	·284	89·6	97·7	99·8	74·8	25·0	156·2	56·4	72·1	2·7	ESE	E	ENE	E	181
16	·399	·259	86·6	95·7	96·3	74·8	21·5	152·7	56·4	73·1	1·7	ESE	ESE	E	ESE	198
17	·359	·246	90·1	98·5	100·8	78·8	22·0	156·2	55·4	75·1	3·7	E	ESE	ENE	ENE	154
18	·394	·265	95·5	100·4	101·3	79·8	21·5	171·7	70·4	77·1	2·7	E	ENE	E	NNE	132
19	·358	·210	97·5	104·4	106·8	74·8	32·0	162·2	55·4	69·6	5·2	NNE	ESE	NE	S	113
20	·334	·197	89·8	103·1	103·8	74·8	29·0	157·7	53·9	69·1	5·7	WSW	NE	WNW	SW	113
21	·363	·226	90·6	106·1	106·8	76·8	30·0	169·7	62·9	72·1	4·7	W	ESE	N	WNW	102
22	·360	·201	93·5	106·1	106·8	75·8	31·0	161·7	54·9	71·1	4·7	E	SSW	WNW	WNW	71
23	·333	·192	98·7	106·6	108·3	80·8	27·5	162·7	54·4	77·8	3·0	NW	NE	ESE	ENE	93
24	·281	·112	99·9	109·4	110·3	77·8	32·5	165·7	55·4	72·1	5·7	NE	ENE	WNW	NW	72
25	·179	·050	101·4	111·4	112·3	77·3	35·0	166·7	54·4	71·1	6·2	N	ENE	NW	E	90
26	·251	·073	95·0	104·6	105·3	84·7	20·6	156·7	51·4	75·1	9·6	ESE	E	SSE	SE	216
27	·266	·130	89·8	98·7	100·3	80·8	19·5	148·2	47·9	77·8	3·0	SE	SE	SE	E	191
28	·216	·098	92·1	101·4	103·3	80·3	23·0	155·2	51·9	78·6	1·7	ENE	SE	SSE	N	222
29	·218	·108	93·7	104·6	105·3	81·8	23·5	160·2	54·9	79·6	2·2	E	E	E	E	109
30	·263	·099	97·0	105·6	106·8	79·8	27·0	159·2	52·4	77·8	2·0	NE	ESE	WNW	WNW	135
31	·164	·041	100·4	106·4	108·3	86·7	21·6	159·7	51·4	81·6	5·1	WNW	NW	WNW	WSW	197
Mean	29·303	29.177	96·3	105·0	106·5	77·8	28·8	162·3	55·9	72·5	5·3	...	...	...	...	153

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	72·0	74·0	65·5	·415	·376	·519	22	15	62	*Nil*	0	2	*b.*	K. *c.* H↗ ∞
2	71·0	73·0	66·0	·371	·308	·496	19	12	54	„	0	0	*b.*	*b.* H↗ ∞
3	71·0	70·0	62·5	·324	·198	·316	15	8	30	„	0	0	*b.*	*b.* H↗ ∞
4	70·0	70·0	61·0	·312	·205	·361	16	8	42	„	0	0	*b.*	*b.* H↗ ∞
5	74·0	71·0	60·5	·471	·243	·365	23	10	45	„	0	0	*b.*	*b.* H↗ ∞
6	69·0	68·0	62·5	·281	·157	·295	14	6	26	„	0	0	*b.*	*b.* H↗ ∞
7	66·0	67·0	59·5	·179	·148	·267	9	7	28	„	0	0	*b.*	*b.* H↗ ∞
8	68·0	68·0	58·5	·211	·157	·276	10	6	32	„	0	0	*b.*	*b.* H↗ ∞
9	65·0	64·2	59·5	·170	·115	·267	9	5	28	„	0	0	*b.*	*b.* ↗ ∞
10	65·2	65·0	56·1	·201	?	·191	11	?	22	„	0	6	*b.*	K. *b.* H↗ ∞
11	66·5	67·5	55·6	·197	·153	·243	10	7	33	„	0	0	*b.*	*b.* H↗ ∞
12	75·9	75·9	61·0	·658	·524	·327	42	24	35	„	7	4	K. *c.*	K. *c.*
13	72·0	75·0	60·5	·497	·471	·258	32	21	25	„	4	0	K. *b.*	*b.*
14	72·0	75·9	65·5	·550	·591	·492	39	32	55	„	0	0	*b.*	*b.*
15	73·2	74·0	66·5	·598	·521	·541	43	29	63	„	0	0	*b.*	*b.* ↗ ∞
16	72·2	72·7	66·5	·597	·490	·541	47	29	63	„	0	0	*b.*	*b.* ↗ ∞
17	75·0	75·9	69·5	·666	·581	·598	47	32	60	„	0	0	*b.*	*b.* ↗ ∞
18	77·1	75·0	71·0	·683	·526	·642	41	27	63	„	0	0	*b.*	*b.*
19	75·0	74·2	68·0	·566	·439	·595	32	20	69	„	0	5	*b.*	K. *c.*
20	74·2	73·2	65·5	·637	·416	·505	45	19	59	0·33	6	0	Pk. *c.*	*b.*
21	75·0	73·0	66·5	·659	·367	·514	46	16	56	*Nil*	6	4	K. *c.*	K. *c.*
22	72·0	71·0	65·0	·497	·288	·474	32	13	53	„	7	3	C. *c.*	K. *c.*
23	72·5	73·0	64·5	·447	·360	·391	25	16	37	„	6	0	C. *c.*	*b.*
24	74·0	74·0	65·5	·491	·363	·465	25	14	49	„	0	0	*b.*	*b.*
25	75·0	75·0	66·0	·513	·377	·489	25	14	52	„	0	0	*b.*	*b.*
26	78·4	79·9	74·0	·749	·688	·697	45	32	59	„	0	0	*b.*	*b.*
27	74·2	76·9	68·5	·637	·631	·533	45	34	51	„	7	4	C. *c.*	K. *c.* ↗ ∞
28	76·9	78·1	72·5	·720	·648	·695	48	32	67	„	6	5	K. *c.*	K. *c.*
29	79·1	78·9	72·0	·798	·641	·654	50	29	60	„	6	4	C. *c.*	K. *c.*
30	76·4	75·0	71·5	·633	·456	·659	36	20	65	„	0	0	*b.*	*b.*
31	75·0	74·0	70·5	·526	·403	·530	27	17	42	„	5	8	C. *c.*	C. *o.* H↗ ∞
Mean	72·7	72·8	65·1	·492	·395	·458	30	19	48	Total 0·33	1·9	1·5	......	......

LUCKNOW—JUNE 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·199	29·092	97·5	108·4	108·8	89·2	19·6	161·2	52·4	85·1	4·1	WNW	ENE	N	N	129
2	·257	·119	100·4	110·4	111·3	83·7	27·6	168·2	56·9	80·3	3·4	E	ESE	WNW	W	102
3	·246	·095	102·4	107·4	111·3	82·8	28·5	162·2	50·9	81·1	1·7	E	E	WNW	WNW	103
4	·184	·016	101·9	109·4	110·3	86·7	23·6	157·7	47·4	84·8	1·9	WSW	W	WSW	WSW	169
5	·067	28·965	103·4	110·4	111·3	93·7	17·6	156·7	45·4	89·8	3·9	WSW	NW	WNW	WSW	262
6	·068	·930	102·4	108·4	110·3	97·7	12·6	153·7	43·4	93·6	4·1	WSW	WNW	WNW	ENE	323
7	·077	·990	96·5	102·4	106·8	84·7	22·1	150·7	43·9	75·1	9·6	ENE	WSW	N	ESE	181
8	·147	29·020	91·6	100·4	101·8	77·8	24·0	150·7	48·9	77·1	0·7	E	SE	ESE	E	175
9	·202	·087	91·6	99·4	101·3	81·8	19·5	152·2	50·9	80·8	1·0	ESE	ENE	ENE	E	186
10	·210	·111	91·6	78·7	98·8	82·3	16·5	155·2	56·4	81·6	0·7	ESE	ESE	NNE	NNE	157
11	·267	·142	88·6	97·5	98·8	76·8	22·0	151·7	52·9	74·1	2·7	NNE	NNE	NW	WNW	68
12	·260	·127	95·5	102·4	103·8	81·3	22·5	159·2	55·4	78·1	3·2	NW	N	NW	N	75
13	·219	·093	98·0	106·4	107·3	82·8	24·5	162·7	55·4	78·6	4·2	ESE	WSW	WNW	NW	108
14	·175	·055	94·5	105·4	106·3	82·8	23·5	158·7	52·4	78·8	4·0	S	E	E	E	104
15	·136	28·991	94·5	105·4	106·3	84·7	21·6	158·2	51·9	83·1	1·6	ESE	SE	E	ESE	218
16	·174	29·042	95·5	105·4	106·3	83·7	22·6	158·7	52·4	78·1	5·6	E	ESE	ESE	ESE	180
17	·174	·059	97·5	85·6	102·8	86·7	16·1	164·2	61·4	83·1	3·6	ESE	SE	NNE	ENE	230
18	·156	·027	93·0	78·2	99·3	79·8	19·5	161·7	62·4	?	?	NE	E	ENE	E	132
19	·164	·096	82·7	81·4	85·3	77·8	7·5	151·7	66·4	77·8	0	E	ESE	E	ESE	184
20	·146	·125	78·7	77·7	81·2	77·3	3·9	96·7	15·5	77·3	0	ESE	SE	ESE	E	139
21	·158	·116	83·7	87·6	90·8	76·8	14·0	148·7	57·9	76·1	0·7	ESE	SE	SE	ESE	239
22	·154	·009	88·6	93·0	94·3	78·3	16·0	154·7	60·4	75·1	3·2	ESE	S	WSW	Calm	81
23	·082	28·981	81·7	83·7	88·8	75·8	13·0	148·7	59·9	75·8	0	WNW	E	ESE	ENE	148
24	·055	·945	85·6	91·6	92·8	77·8	15·0	157·7	64·9	75·1	2·7	NE	NE	ENE	ENE	83
25	·142	29·034	81·2	83·7	84·7	77·8	6·9	137·7	53·0	76·1	1·7	E	NE	NE	W	184
26	·126	·063	78·7	79·7	81·2	75·8	5·4	123·7	42·5	74·1	1·7	S	SSW	SSW	SSW	308
27	·199	·083	80·7	85·6	86·3	76·8	9·5	137·7	51·4	75·6	1·2	NW	NW	NW	S	116
28	·197	·094	76·7	78·9	79·2	75·8	3·4	96·2	17·0	75·1	0·7	SE	ENE	ENE	ENE	192
29	·103	·034	80·7	83·9	85·8	77·3	8·5	141·2	55·4	73·1	4·2	ENE	E	ESE	ESE	248
30	·123	·032	85·1	88·1	90·3	78·3	12·0	149·7	59·4	78·1	0·2	E	E	ESE	ESE	165
Mean	29·162	29·052	90·7	94·6	98·1	81·5	16·6	149·6	51·5	79·1	2·5	...	...	...	...	166

LUCKNOW—JUNE 1890.

DATE.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	77·9	76·9	68·5	·692	·500	·420	39	20	31	*Nil*	8	5	Pc. *c.*	K. *c.*
2	81·9	75·9	74·0	·840	·429	·710	43	17	61	"	0	4	*b.*	K. *c.*
3	76·9	75·5	72·5	·581	·453	·661	28	19	59	"	4	8	K. *c.*	Pc. *c.*
4	76·9	77·9	73·5	·588	·531	·649	29	21	51	"	4	7	K. *c.*	Pc. *c.*
5	76·9	75·0	73·0	·567	·391	·534	26	15	34	"	0	0	*b.*	*b.*
6	76·9	79·1	73·5	·581	·598	·501	28	24	29	"	0	6	*b.*	K. *c.*
7	79·9	81·9	71·0	·798	·813	·576	46	39	48	0·05	0	0	*b.*	*b.*
8	76·9	79·9	71·5	·727	·744	·689	49	38	73	*Nil*	0	0	*b.*	*b.*
9	78·9	78·9	77·5	·817	·712	·887	55	38	82	"	0	0	*b.*	*b.*
10	78·9	76·4	76·5	·817	·880	·836	55	90	76	1·47	0	8	*b.*	Pc. *c.*
11	77·9	77·4	74·5	·812	·669	·825	60	38	90	*Nil*	0	0	*b.*	*b.*
12	80·9	78·4	75·5	·859	·648	·806	51	31	76	"	3	4	K. *c.*	K. *c.*
13	78·9	74·0	76·5	·731	·403	·829	41	17	74	"	0	3	*b.*	K. *c.*
14	78·9	78·9	73·0	·778	·630	·681	48	28	60	"	0	0	*b.*	*b.*
15	78·9	81·1	76·5	·778	·733	·802	48	32	67	"	7	6	Pc. *c.*	Pc. *c.*
16	81·9	81·1	77·0	·907	·733	·838	54	32	73	"	3	5	K. *c.*	K. *c.*
17	80·9	77·9	78·0	·831	·853	·842	47	69	66	"	5	8	Pk. *c.*	Pk. *c.*
18	82·9	74·0	77·0	·990	·784	·891	64	81	88	1·04	5	8	K. *c.*	Pc. *c.*
19	77·9	75·9	73·5	·892	·822	·769	80	77	81	0·02	10	7	Pc. *o.*	Pc. *c.*
20	77·4	76·9	74·0	·924	·915	·797	94	96	85	2·76	10	10	P. *o. r.*	P. *o. r.*
21	79·9	81·9	73·5	·971	1·014	·783	84	77	85	1·73	10	5	Pc. *o.*	K. *c.*
22	81·9	82·9	74·5	1·001	·990	·804	74	64	83	*Nil*	6	5	K. *c.*	K. *c.*
23	78·9	78·9	74·5	·952	·925	·838	88	80	94	0·85	8	10	Pc. *c.*	Pc. *o.*
24	79·9	81·9	76·5	·945	·959	·897	77	65	94	*Nil*	8	6	K. *c.*	K. *c.*
25	77·9	78·9	76·0	·913	·925	·875	86	80	92	1·76	10	10	Pc. *o.*	Pc. *o.*
26	77·1	77·9	74·5	·911	·933	·838	93	92	94	0·64	10	10	P. *o. r.*	P. *o. r.*
27	77·4	81·1	74·5	·897	1·002	·825	86	81	90	0·73	10	10	Pc. *o.*	Pc. *o.*
28	75·0	77·9	73·5	·847	·944	·796	92	95	89	1·28	10	10	P. *o. r.*	P. *o. r.*
29	76·9	77·9	73·5	·875	·876	·776	84	75	83	3·02	8	7	Pk. *o.*	Pk. *c.*
30	79·4	79·9	76·5	·928	·911	·890	77	69	92	*Nil*	8	5	Pc. *c.*	Pc. *c.*
Mean	78·8	78·4	74·5	·825	·757	·762	61	53	73	Total 15·35	4·9	5·6	...	...

LUCKNOW—JULY 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·203	29·078	86·1	90·6	91·3	78·8	12·5	157·7	66·4	77·1	1·7	ESE	ESE	SE	SE	102
2	·236	·146	88·6	91·6	93·3	77·8	15·5	151·7	58·4	76·1	1·7	E	E	E	E	279
3	·329	·225	85·1	90·6	91·3	80·8	10·5	155·2	63·9	77·1	3·7	ESE	ESE	SE	SSW	253
4	·240	·142	86·8	91·6	92·3	78·8	13·5	153·7	61·4	75·1	3·7	SSW	SW	WSW	WSW	210
5	·199	·105	83·2	81·7	86·3	78·8	7·5	142·7	56·4	77·1	1·7	SW	WSW	W	WSW	231
6	·163	·051	78·7	83·7	89·5	77·3	12·2	145·7	56·2	76·1	1·2	W	WNW	WSW	N	118
7	·115	·051	84·6	85·1	87·3	77·8	9·5	135·2	47·9	77·8	0	S	S	ESE	WSW	86
8	·95	·083	78·2	84·6	85·3	75·8	9·5	128·2	42·9	75·1	0·7	WNW	WNW	WNW	WSW	85
9	·151	·049	88·6	90·6	91·8	77·8	14·0	154·7	62·9	77·6	0·2	WSW	WSW	WSW	SW	121
10	·173	·115	84·6	77·9	89·3	74·8	14·5	155·7	66·4	74·3	0·5	NE	ENE	SW	ENE	82
11	·158	·041	84·2	86·6	87·8	76·8	11·0	149·2	61·4	76·6	0·2	E	E	E	ENE	151
12	·126	·019	82·7	88·8	89·3	77·8	11·5	151·7	62·4	77·1	0·7	NE	E	E	Calm	139
13	·162	·049	85·6	93·7	93·3	78·8	14·5	149·7	56·4	76·1	2·7	ESE	E	SE	SE	102
14	·220	·124	88·6	89·6	93·3	79·8	13·5	156·7	63·4	74·1	5·7	ESE	E	ESE	E	109
15	·250	·121	87·6	91·6	91·8	80·3	11·5	149·7	57·9	78·1	2·2	E	E	ESE	Calm	119
16	·176	·054	82·7	87·6	90·3	80·3	10·0	148·7	58·4	78·6	1·7	Calm	S	S	SSW	74
17	·056	28·979	86·6	81·7	87·3	80·8	6·5	124·7	37·4	79·1	1·7	SSW	WSW	W	WSW	95
18	·059	29·013	81·7	76·7	81·2	79·8	1·4	85·7	4·5	78·1	1·7	SW	SW	WSW	WNW	133
19	·133	·026	81·7	85·6	86·8	75·3	11·5	145·7	58·9	75·1	0·2	Calm	SSE	SSW	Calm	61
20	·159	·033	82·7	87·6	88·8	79·3	9·5	158·7	69·9	77·1	2·2	Calm	SE	ESE	ESE	39
21	·114	·015	87·6	87·6	91·3	79·8	11·5	158·7	67·4	79·1	0·7	ESE	ESE	NE	N	103
22	·121	·017	85·6	77·7	91·3	78·8	12·5	155·7	64·4	78·1	0·7	N	ENE	SW	Calm	60
23	·159	·052	80·7	79·7	83·2	76·8	6·4	117·7	34·5	76·1	0·7	Calm	SSE	ESE	Calm	33
24	·149	·059	81·7	82·7	83·2	76·8	6·4	130·2	47·0	76·8	0	ESE	NNE	WNW	Calm	52
25	·089	28·984	81·7	84·6	86·3	78·8	7·5	154·7	68·4	78·1	0·7	WSW	WSW	WNW	SW	114
26	·102	29·054	77·7	77·7	78·7	76·3	2·4	89·7	11·0	75·1	1·2	WSW	SW	SW	SW	147
27	·213	·103	81·7	87·1	87·3	76·8	10·5	150·7	63·4	76·1	0·7	SW	SW	SW	SW	129
28	·215	·117	79·7	82·7	83·7	77·8	5·9	110·7	27·0	77·6	0·2	SW	SW	SW	SW	92
29	·208	·137	81·7	81·7	83·7	77·8	5·9	110·7	27·0	75·6	2·2	SW	SW	W	W	78
30	·211	·139	80·7	76·7	81·2	76·8	4·4	99·7	18·5	76·1	0·7	Calm	NW	N	N	92
31	·233	·126	79·7	83·7	84·7	77·8	6·9	128·7	44·0	77·1	0·7	ENE	SE	SE	ESE	96
Mean	29·172	29·074	83·5	85·1	87·8	78·1	9·7	139·0	51·2	76·8	1·4	...	...	...	...	116

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	79·9	80·4	77·0	·938	·901	·905	75	63	92	*Nil*	6	6	K. *c.*	K. *c.*
2	79·9	78·9	75·5	·905	·817	·854	67	55	90	,,	3	7	K. *c.*	Pc. *c.*
3	77·9	80·1	76·0	·861	·886	·834	71	62	79	,,	8	5	Pc. *c.*	K. *c.*
4	78·1	79·4	75·0	·845	·840	·818	66	57	83	0·12	6	6	Pc. *c.*	Pc. *c.*
5	76·9	78·1	74·5	·841	·915	·798	74	85	81	*Nil*	10	10	Pc. *o.*	Pc. *o.*
6	77·9	79·1	74·5	·947	·934	·818	96	81	87	0·81	10	10	Pc. *o.*	Pc. *o.*
7	80·9	80·9	75·5	1·006	1·000	·854	84	82	90	0·13	10	8	Pc. *o.*	Pc. *c.*
8	77·4	78·9	73·5	·931	·912	·796	96	77	89	0·09	10	8	Pc. *o.*	Pc. *c.*
9	81·4	82·4	74·5	·976	·997	·811	72	69	85	*Nil*	8	6	Pc. *c.*	Pc. *c.*
10	80·1	77·1	73·5	·968	·921	·810	81	96	94	0·78	8	10	Pc. *c.*	P. *o. r.*
11	79·9	79·9	76·0	·966	·932	·889	82	73	96	0·60	8	6	Pc. *c.*	Pc. *c.*
12	79·1	81·4	76·5	·947	·973	·897	85	71	94	0·09	10	7	Pc. *o.*	Pc. *c.*
13	80·6	82·9	77·5	·978	·980	·928	80	62	94	0·06	8	4	Pk. *c.*	K. *c.*
14	82·4	81·9	77·5	1·024	·987	·914	76	71	90	*Nil*	6	4	K. *c.*	K. *c.*
15	81·9	82·4	78·5	1·014	·983	·952	77	66	92	,,	8	6	Pk. *c.*	Pk. *c.*
16	77·9	79·9	77·5	·892	·918	·907	80	70	88	,,	10	6	Pc. *o.*	Pc. *c.*
17	82·4	79·9	78·5	1·051	·998	·946	83	92	90	0·12	10	10	Pc. *o.*	Pc. *o.*
18	79·9	75·9	77·5	·998	·886	·914	92	96	90	0·62	10	10	Pc. *o.*	Pc. *o.*
19	79·9	79·4	73·5	·998	·921	·803	92	75	92	1·16	10	6	Pc. *o.*	Pk. *c.*
20	79·9	82·9	77·5	·985	1·063	·921	88	81	92	0·15	10	6	Pc. *o.*	K. *c.*
21	82·1	82·9	78·5	1·024	1·063	·959	78	81	94	0·22	8	7	Pc. *c.*	P. *c. r.*
22	81·4	76·4	77·0	1·019	·894	·905	82	94	92	2·93	10	10	Pc. *o.*	P. *o. r.*
23	78·9	78·9	75·5	·965	·979	·867	92	97	94	1·46	10	10	P. *o. r.*	Pc. *o.*
24	79·4	78·9	75·5	·975	·938	·867	90	84	94	1·93	10	8	P. *o. r.*	P. *o. r.*
25	78·9	80·9	77·5	·952	1·006	·928	88	84	94	0·10	10	8	Pc. *o.*	Pc. *c.*
26	76·4	76·9	75·0	·894	·915	·852	94	96	94	2·61	10	10	P. *o. r.*	P. *o. r.*
27	78·9	80·4	74·5	·952	·949	·825	88	73	90	0·05	8	7	Pc. *c.*	Pc. *c.*
28	77·4	78·9	76·0	·910	·938	·875	90	84	92	0·14	10	10	P. *o. r.*	Pc. *o.*
29	77·9	77·9	76·0	·906	·906	·875	84	84	92	*Nil*	10	10	Pc. *o.*	Pc. o.
30	77·9	75·0	75·5	·920	·847	·867	88	92	94	0·07	10	10	Pc. *o.*	Pc. *o.*
31	77·4	79·4	73·5	·910	·947	·769	90	82	81	0·50	8	6	Pc. *c.*	Pc. *c.*
Mean	79·4	79·6	75·9	·952	·940	·870	83	79	90	Total 14·74	8·8	7·7	...	...

LUCKNOW—AUGUST 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·232	29·142	83·4	83·2	86·3	77·8	8·5	148·7	62·4	77·1	0·7	Calm	ESE	ESE	ESE	100
2	·228	·181	81·7	77·7	85·8	77·8	8·0	136·7	50·9	76·6	1·2	ESE	ESE	ESE	ESE	90
3	·286	·231	78·7	80·7	85·3	76·8	8·5	127·7	42·4	76·6	0·2	ESE	S	NE	NE	60
4	·328	·204	78·7	82·7	83·2	77·3	5·9	127·7	44·5	77·1	0·2	ENE	ENE	ENE	ESE	56
5	·312	·211	80·7	88·6	89·3	76·3	13·0	157·7	68·4	74·6	1·7	Calm	Calm	NW	Calm	28
6	·288	·151	85·3	90·1	91·3	77·8	13·5	159·2	67·9	76·1	1·7	Calm	NNW	NNE	ENE	40
7	·292	·188	85·3	82·7	89·3	78·3	11·0	150·7	61·4	77·6	0·7	E	E	E	E	144
8	·289	·180	87·6	88·3	92·3	79·3	13·0	154·7	62·4	74·1	5·2	E	ESE	E	E	98
9	·292	·186	84·4	80·7	92·3	79·8	12·5	157·7	65·4	76·1	3·7	E	ESE	ESE	SSE	77
10	·233	·088	87·6	92·1	92·8	78·3	14·5	150·2	57·4	77·1	1·2	SSE	E	ENE	E	109
11	·216	·112	85·6	87·6	91·8	80·8	11·0	151·7	59·9	75·6	5·2	E	ESE	E	ESE	148
12	·249	·155	86·6	82·7	92·3	78·8	13·5	157·7	65·4	74·1	4·7	ESE	E	ENE	Calm	82
13	·265	·187	85·6	87·6	90·3	79·8	10·5	150·7	60·4	76·6	3·2	S	E	NE	NE	117
14	·263	·158	88·6	92·5	93·3	78·8	14·5	153·7	60·4	77·1	1·7	NE	E	ENE	ENE	125
15	·282	·173	87·6	93·5	95·3	80·8	14·5	153·7	58·4	78·1	2·7	ENE	ENE	ESE	E	85
16	·274	·196	87·6	81·7	90·8	79·8	11·0	147·2	56·4	78·6	1·2	ENE	N	NNW	Calm	58
17	·279	·190	85·6	82·7	87·3	77·8	9·5	136·7	49·4	76·6	1·2	NNW	WNW	NW	SSW	115
18	·301	·186	85·6	87·6	90·8	78·8	12·0	155·7	64·9	78·1	0·7	SSW	WSW	NW	NW	124
19	·305	·203	86·6	90·6	92·3	76·8	15·5	162·7	70·4	75·6	1·2	SW	W	NW	NW	122
20	·355	·255	87·6	90·6	92·8	77·8	15·0	157·7	64·9	75·1	2·7	SW	WNW	NNW	WSW	82
21	·357	·251	89·6	89·6	93·3	78·8	14·5	158·7	65·4	76·1	2·7	Calm	NNW	W	WNW	78
22	·317	·190	89·6	89·6	93·3	78·8	14·5	155·7	62·4	75·1	3·7	W	NW	WNW	S	124
23	·321	·214	81·9	85·8	88·3	77·8	10·5	133·7	45·4	77·1	0·7	SSW	SSW	SSE	WSW	92
24	·345	·250	81·7	88·6	89·8	74·8	15·0	137·7	47·9	73·1	1·7	WSW	WSW	NW	WNW	55
25	·349	·246	88·6	90·6	92·3	76·8	15·5	151·7	59·4	74·3	2·5	WNW	NW	WNW	WNW	95
26	·378	·287	84·6	87·6	91·3	76·8	14·5	149·7	58·4	75·1	1·7	Calm	WNW	NW	NNW	24
27	·357	·215	88·6	90·6	92·3	78·8	13·5	155·7	63·4	76·8	2·0	NNW	E	E	E	35
28	·305	·212	87·6	90·6	93·3	79·8	13·5	154·7	61·4	75·6	4·2	ESE	SW	WNW	W	114
29	·349	·218	85·6	91·6	93·3	80·8	12·5	154·2	60·9	76·8	4·0	WSW	WSW	WNW	SW	180
30	·288	·177	85·6	92·5	93·8	76·8	17·0	151·7	57·9	72·3	4·5	SW	SW	WSW	SW	208
31	·304	·211	86·6	93·5	93·3	76·8	16·5	159·2	65·9	74·6	2·2	SW	WSW	WNW	W	166
Mean	29·298	29·195	85·5	87·6	90·9	78·3	12·7	150·4	59·4	76·0	2·3	...	...	...	...	98

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	79·9	80·9	76·5	·975	1·025	·897	85	90	94	0·06	8	7	Pk. *c.*	Pk. *c.*
2	78·9	76·9	76·5	·952	·915	·897	88	96	94	1·30	10	10	Pc. *o.*	Pc. *o.*
3	76·9	78·9	75·5	·902	·965	·867	92	92	94	0·68	10	10	Pc. *o.*	Pc. *o.*
4	77·4	78·9	76·0	·924	·938	·882	94	84	94	0·42	10	8	P. *o. r.*	Pk. *c.*
5	77·9	79·9	75·0	·920	·905	·852	88	67	94	0·53	10	7	Pc. *o.*	K. *c.*
6	80·9	80·9	76·5	·997	·932	·897	81	66	94	*Nil*	8	7	Pk. *c.*	Pk. *c.*
7	79·9	78·9	75·5	·949	·938	·847	78	84	88	0·51	7	4	Pk. *c.*	K. *c.*
8	81·9	79·9	77·5	1·014	·908	·921	77	68	92	*Nil*	6	6	Pk. *c.*	Pk. *c.*
9	80·6	77·9	77·5	·995	·920	·914	84	88	90	0·31	10	10	Pc. *o.*	Pc. *o.*
10	82·4	81·9	76·5	1·037	·953	·890	79	63	92	*Nil*	6	4	K. *c.*	K. *c.*
11	79·9	82·9	78·5	·945	1·063	·946	77	81	90	0·06	7	8	Pc. *c.*	Pc. *c.*
12	80·9	80·9	77·0	·979	1·012	·905	77	92	92	0·44	6	6	K. *c.*	K. *c.*
13	80·9	80·4	77·0	·992	·942	·891	81	72	88	*Nil*	8	7	Pc. *c.*	Pc. *c.*
14	80·9	80·9	76·5	·952	·899	·883	70	59	90	,,	7	4	Pc. *c.*	K. *c.*
15	80·9	81·9	79·5	·966	·934	·992	74	60	94	,,	7	6	K. *c.*	K. *c.*
16	82·9	78·9	78·5	1·063	·952	·959	81	88	94	0·09	8	10	Pc. *c.*	Pc. *o.*
17	78·9	79·4	76·0	·899	·961	·875	73	86	92	*Nil*	10	10	Pc. *o.*	Pc. *o.*
18	78·4	78·9	76·5	·875	·871	·883	71	67	90	,,	7	7	Pc. *c.*	Pc. *c.*
19	78·9	79·9	75·5	·885	·877	·867	70	61	94	0·04	7	7	K. *c.*	K. *c.*
20	77·9	79·9	74·5	·826	·877	·811	63	61	85	0·11	4	7	K. *c.*	K. *c.*
21	80·9	78·9	76·5	·938	·844	·883	67	61	90	0·02	6	6	K. *r.*	K. *r.*
22	79·4	79·9	74·5	·867	·891	·798	62	64	81	*Nil*	6	8	K. *c.*	Pk. *c.*
23	77·9	80·1	75·5	·903	·951	·854	83	77	90	1·85	8	8	Pc. *c.*	Pc. *c.*
24	78·9	78·9	73·0	·952	·858	·789	88	64	91	1·22	10	10	Pc. *o.*	Pc. *o.*
25	78·9	76·9	74·5	·858	·741	·825	64	52	90	0·02	4	8	K. *c.*	K. *c.*
26	76·9	80·9	74·5	·822	·966	·825	69	74	90	*Nil*	8	8	Pc. *c.*	Pc. *c.*
27	79·9	80·9	78·0	·905	·925	·950	67	64	96	,,	5	6	K. *c.*	K. *c.*
28	80·9	82·9	76·5	·966	1·022	·870	74	71	86	,,	6	8	Pk. *c.*	Pk. *c.*
29	77·4	78·9	76·0	·830	·817	·834	66	55	79	,,	8	7	Pk. *c.*	Pk. *c.*
30	75·0	77·9	71·5	·727	·760	·702	59	50	76	0·07	4	7	K. *c.*	K. *c.*
31	77·4	77·9	72·5	·817	·746	·742	64	48	81	*Nil*	5	5	K. *c.*	K. *c.*
Mean .	79·4	79·8	76·0	·927	·913	·866	76	71	90	Total 7·73	7·3	7·3	...	...

LUCKNOW—SEPTEMBER 1890.

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.				WIND.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·350	29·235	88·6	93·5	95·3	76·8	18·5	152·7	57·4	71·8	5·0	WSW	W	WSW	WNW	156
2	·353	·263	89·6	95·5	96·3	77·8	18·5	154·7	58·4	73·1	4·7	WSW	W	W	W	197
3	·349	·243	90·6	94·5	96·3	78·8	17·5	150·7	54·4	73·6	5·2	WSW	W	WNW	W	220
4	·350	·212	89·6	95·5	98·3	77·8	20·5	153·7	55·4	73·1	4·7	WSW	W	WSW	W	194
5	·331	·198	89·8	96·5	97·3	76·8	20·5	150·7	53·4	72·1	4·7	W	W	WNW	WNW	172
6	·294	·162	91·1	97·5	98·8	76·8	22·0	152·7	53·9	73·6	3·2	WSW	W	W	WNW	158
7	·320	·195	89·6	97·5	98·3	76·8	21·5	156·7	58·4	75·1	1·7	WSW	W	W	Calm	111
8	·314	·190	93·0	99·4	100·3	75·3	25·0	155·7	55·4	74·6	0·7	NNW	NNW	NW	NNW	69
9	·331	·190	92·5	98·5	100·3	75·8	24·5	154·7	54·4	70·6	5·2	Calm	NNW	NW	NNW	59
10	·311	·180	91·6	99·4	100·3	75·3	25·0	154·7	54·4	68·1	7·2	Calm	NNW	NW	NW	66
11	·326	·160	90·8	98·5	101·3	74·8	26·5	163·2	61·9	70·1	4·7	Calm	ENE	N	ENE	58
12	·334	·180	91·1	97·5	100·3	75·8	24·5	157·7	57·4	72·1	3·7	E	W	NW	SSE	84
13	·314	·218	87·6	81·7	95·8	76·8	19·0	154·7	58·9	72·1	4·7	WNW	SSE	E	SSE	97
14	·352	·236	78·7	79·7	82·2	73·8	8·4	131·2	49·0	72·6	1·2	E	E	NE	NNE	128
15	·298	·224	77·7	75·7	83·2	72·8	10·4	146·7	63·5	72·1	0·7	NNE	NNE	ESE	ESE	120
16	·352	·306	79·7	74·7	82·7	72·8	9·9	135·7	53·0	72·6	0·2	ENE	ESE	E	NE	100
17	·462	·388	79·7	85·1	87·3	72·8	14·5	148·7	61·4	71·1	1·7	ESE	ESE	NW	NW	125
18	·452	·316	87·6	91·6	92·8	75·8	17·0	154·2	61·4	72·1	3·7	NW	NNW	NNE	NNE	39
19	·390	·267	89·6	92·5	93·3	75·8	17·5	154·7	61·4	73·1	2·7	NNE	WSW	ESE	ESE	108
20	·375	·261	88·6	92·5	93·8	78·3	15·5	155·2	61·4	75·6	2·7	ESE	ESE	ESE	NW	77
21	·344	·251	89·6	91·6	92·3	80·3	12·0	149·2	56·9	77·6	2·7	NNW	NNW	ESE	ESE	93
22	·457	·359	80·7	87·6	92·3	73·8	18·5	154·2	61·9	73·1	0·7	ESE	ESE	NE	E	106
23	·519	·407	81·7	81·7	86·8	75·8	11·0	152·7	65·9	75·1	0·7	ENE	E	ESE	E	119
24	·489	·355	80·7	83·7	85·3	75·8	9·5	136·2	50·9	72·1	3·7	E	E	E	E	156
25	·398	·271	81·7	82·7	85·8	75·8	10·0	132·7	46·9	74·6	1·2	E	ESE	E	NE	159
26	·365	·283	79·7	77·7	81·2	72·8	8·4	125·7	44·5	72·1	0·7	E	E	ENE	ENE	181
27	·420	·324	81·7	79·7	86·8	73·3	13·5	150·2	63·4	71·1	2·2	NE	ESE	E	ENE	74
28	·454	·367	77·7	85·6	87·3	71·8	15·5	145·2	57·9	71·8	0	SSE	S	SSE	SE	119
29	·565	·467	79·7	84·6	85·3	70·4	14·9	147·7	62·4	66·1	4·3	SE	ENE	ENE	Calm	75
30	·569	·456	84·6	83·7	87·3	72·3	15·0	153·2	65·9	67·6	4·7	E	E	ENE	Calm	23
Mean	29·385	29·272	85·8	89·2	92·2	75·3	16·8	149·5	57·4	72·4	3·0	...	...	...	...	1·15

DATE.	TEMPERATURE OF EVAPORATION.			COMPUTED VAPOUR TENSION.			RELATIVE HUMIDITY.			Rainfall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	77·9	76·9	72·5	·812	·702	·742	60	45	81	*Nil*	0	3	*b.* ↗	K. *c.* ↗
2	76·9	78·4	71·5	·754	·742	·689	55	44	73	„	0	5	*b.* ↗	K. *c.* ↗
3	77·9	75·9	72·0	·785	·645	·695	55	40	71	„	4	3	K. *c.* ↗	K. *c.* ↗
4	77·9	75·9	71·5	·799	·631	·689	57	38	73	„	0	3	*b.* ↗	K. *c.* ↗
5	77·9	75·9	71·5	·799	·618	·702	56	36	76	„	0	3	*b.* ↗	K. *c.* ↗
6	76·4	75·9	71·5	·712	·604	·702	49	34	76	„	0	5	*b.* ↗	K. *c.* ↗
7	77·9	78·9	72·0	·799	·738	·722	57	42	78	„	3	3	K. *c.*	K. *c.* ↗
8	75·9	77·9	72·5	·665	·666	·763	43	35	87	„	0	4	*b.*	K. *c.*
9	77·9	77·9	74·5	·760	·679	·838	50	37	94	„	4	3	K. *c.*	K. *c.*
10	77·9	75·9	73·5	·773	·578	·803	52	31	92	„	0	0	*b.*	*b.*
11	80·1	76·9	72·5	·883	·634	·769	61	35	89	„	6	0	K. *c.*	*b.*
12	77·9	80·9	72·5	·778	·831	·756	53	47	85	„	3	6	K. *c.*	K. *c.*
13	79·9	74·0	72·6	·918	·737	·722	70	68	78	0·06	5	8	Pk. *c.*	Pc. *c.*
14	75·9	74·0	72·5	·858	·764	·783	88	75	91	0·25	10	10	Pc. *o.*	Pc. *o.*
15	75·0	74·0	71·5	·833	8·18	·756	88	92	94	0·12	10	10	Pc. *o.*	Pc. *o.*
16	76·9	74·5	71·5	·888	·853	·756	88	99	94	3·74	10	10	P. *o. r.*	P. *o. r.*
17	77·9	77·9	71·5	·933	·861	·756	92	69	94	1·90	10	5	P. *o. r.*	K. *c.*
18	81·9	81·9	75·0	1·014	·959	·859	77	65	96	*Nil*	5	4	K. *c.*	K. *c.*
19	82·9	81·4	74·5	1·035	·923	·834	74	61	94	0·06	7	5	Pc. *c.*	K. c. ↗
20	81·9	81·4	77·0	1·001	·923	·912	74	61	94	*Nil*	6	4	K. *c.*	K. *c.*
21	81·9	77·9	77·5	·987	·773	·907	71	52	88	„	4	8	K. *c.*	K. *c.*
22	76·9	77·9	71·5	·875	·826	·742	84	63	89	„	7	5	Pc. *c.*	Pc. *c.*
23	77·9	77·9	74·0	·906	·906	·817	84	84	92	0·12	8	8	Pc. *c.*	Pc. *c.*
24	78·9	77·9	73·5	·965	·879	·796	92	76	89	*Nil*	10	5	Pc. *o.*	Pc. *c.*
25	75·9	75·9	73·5	·818	·804	·796	76	72	89	„	10	10	Pc. *o.*	Pc. *o.*
26	75·0	74·0	71·0	·806	·791	·736	79	83	91	0·38	10	10	Pc. *o.*	Pc. *o.*
27	75·0	75·0	70·5	·779	·806	·710	72	79	87	0·29	4	8	K. *c.*	Pk. *c.*
28	72·0	75·9	69·5	·710	·766	·692	75	62	89	*Nil*	4	4	K. *c.*	K. *c.*
29	74·0	75·0	68·5	·764	·740	·673	75	62	90	„	5	5	K. *c.*	K. *c.*
30	77·4	76·9	71·0	·845	·834	·743	71	72	94	„	7	8	K. *c.*	K. *c.*
Mean	77·7	77·0	72·5	·842	·768	·762	69	59	87	Total 6·92	5·1	5·5	...	...

LUCKNOW—OCTOBER 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.				Wind.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·562	29·463	86·8	81·7	88·8	75·8	13·0	151·7	62·9	69·1	6·7	ENE	Calm	NNW	Calm	29
2	·535	·417	86·6	88·6	91·3	73·8	17·5	150·7	59·4	72·1	1·7	W	WSW	W	NW	74
3	·485	·350	86·3	91·8	93·3	72·8	20·5	145·7	52·4	67·1	5·7	W	W	WNW	WNW	63
4	·421	·324	84·6	90·8	93·3	71·3	22·0	143·7	50·4	64·1	7·2	Calm	W	W	W	56
5	·379	·318	81·9	87·6	92·8	68·9	23·9	153·7	60·9	63·1	5·8	W	W	WNW	NW	73
6	·460	·394	83·2	91·1	93·3	69·9	23·4	145·7	52·4	65·1	4·8	WSW	NW	NW	WNW	77
7	·507	·382	85·6	92·5	94·3	70·4	23·9	146·7	52·4	65·1	5·3	WNW	NW	NW	NW	56
8	·509	·397	85·8	91·8	93·8	69·9	23·9	144·7	50·9	67·6	2·3	NW	NW	ESE	ESE	33
9	·518	·415	88·1	90·6	93·3	71·8	21·5	149·2	55·9	66·6	5·2	ESE	ESE	Calm	E	36
10	·521	·367	87·6	90·3	92·3	71·3	21·0	152·7	60·4	66·6	4·7	E	E	NNE	Calm	32
11	·467	·359	87·6	91·1	93·3	70·8	22·5	149·7	56·4	67·1	3·7	NNE	NNE	NNE	NNE	35
12	·527	·419	82·9	83·6	87·3	72·8	14·5	143·7	56·4	72·1	0·7	NNE	NE	NE	NE	62
13	·532	·380	75·9	80·7	81·2	71·8	9·4	149·7	68·5	68·6	3·2	NE	SE	ENE	N	116
14	·433	·301	80·7	85·6	86·8	67·9	18·9	145·7	58·9	66·6	1·3	Calm	NNE	NW	NW	65
15	·465	·373	80·7	85·3	87·3	70·8	16·5	141·7	54·4	68·1	2·7	WNW	SE	ESE	ESE	110
16	·606	·540	78·7	83·7	85·3	69·9	15·4	142·7	57·4	67·6	2·3	ESE	ESE	ENE	W	124
17	·664	·519	80·9	84·6	86·3	64·9	21·4	145·2	58·9	60·1	4·8	W	W	NW	Calm	32
18	·566	·417	81·9	87·8	88·3	65·9	22·4	141·7	53·4	60·6	5·3	NW	WSW	WNW	WNW	56
19	·530	·427	78·7	86·6	89·3	64·9	24·4	143·2	53·9	59·1	5·8	SW	SSW	N	N	54
20	·613	·525	83·7	87·8	91·3	64·9	26·4	143·7	52·4	59·1	5·8	N	N	ENE	ENE	42
21	·670	·570	83·7	87·6	90·3	63·9	26·4	143·2	52·9	63·1	0·8	ENE	ENE	N	N	26
22	·626	·507	82·2	87·6	90·3	63·4	26·9	144·7	54·4	58·1	5·3	NW	W	NW	Calm	67
23	·610	·526	81·7	86·6	89·3	62·9	26·4	144·7	55·4	60·1	2·8	NW	NW	NW	NW	120
24	·638	·522	79·7	85·6	86·3	59·9	26·4	142·7	56·4	52·1	7·8	NW	NW	NW	WNW	125
25	·672	·562	79·7	82·9	85·3	57·9	27·4	142·7	57·4	50·1	7·8	WNW	WNW	NW	NW	142
26	·625	·520	77·7	82·2	87·3	54·0	33·3	141·7	54·4	45·1	8·9	NW	NW	NW	NW	91
27	·623	·526	77·7	85·6	87·3	54·0	33·3	143·7	56·4	47·6	6·4	NW	NW	NW	NW	84
28	·647	·544	77·7	80·7	86·3	53·0	33·3	141·7	55·4	46·6	6·4	NW	NW	NW	NW	29
29	·616	·532	79·7	81·7	84·7	52·5	32·2	142·7	58·0	?	?	NW	Calm	NW	NW	45
30	·627	·498	78·7	82·7	85·3	55·0	30·3	140·7	55·4	49·1	5·9	NW	NW	NW	NW	48
31	·628	·540	76·7	81·7	85·3	52·0	33·3	139·7	54·4	43·1	8·9	Calm	NW	Calm	NNW	24
Mean	29·557	29·449	82·0	86·4	89·1	65·5	23·6	145·2	56·1	61·0	4·9	...	...	...	...	65

DATE.	TEMPERATURE OF EVAPORATION.			COMPUTED VAPOUR TENSION.			RELATIVE HUMIDITY.			Rainfall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	78·9	75·0	74·5	·882	·779	·838	69	72	94	0·16	7	6	Pc. *c.*	Pc. *c.*
2	79·1	76·9	73·0	·894	·768	·742	70	57	96	*Nil*	5	5	K. *c.*	K. *c.*
3	75·9	77·9	71·5	·755	·770	·756	60	51	94	„	0	2	*b.*	K. *c.*
4	75·9	75·9	70·0	·781	·697	·717	65	48	94	„	0	0	*b.*	*b.*
5	73·0	79·9	67·5	·700	·918	·656	63	70	92	„	0	0	*b.*	*b.*
6	75·0	75·0	68·0	·759	·652	·665	66	45	90	„	0	0	*b.*	*b.*
7	75·0	75·7	68·0	·727	·663	·654	57	43	88	„	0	0	*b.*	*b.*
8	74·0	75·9	68·5	·682	·680	·679	55	45	92	„	0	4	*b.*	K. *c.*
9	75·0	76·1	70·0	·693	·706	·711	52	49	91	„	0	4	*b.*	K. *c.*
10	77·1	75·0	69·5	·790	·663	·699	60	46	91	„	0	3	*b.*	K. *c.*
11	74·5	75·9	69·5	·679	·690	·705	52	47	94	„	0	5	*b.*	K. *c.*
12	77·9	72·7	71·5	·890	·658	·756	79	57	94	0·53	8	6	*c.*	*c.*
13	73·0	74·2	67·5	·774	·759	·618	86	72	79	0·36	8	6	Pc. *c.*	Pc. *c.*
14	73·0	72·7	67·0	·709	·631	·652	68	51	95	*Nil*	3	3	K. *c.*	K. *c.*
15	75·5	75·0	68·5	·814	·731	·668	78	60	89	„	0	0	*b.*	*b.*
16	73·5	74·0	68·0	·757	·710	·661	77	61	90	„	4	3	K. *c.*	K. *c.*
17	73·0	72·2	65·5	·706	·624	·568	67	52	92	„	2	4	K. *c.*	K. *c.*
18	72·0	72·0	64·5	·653	·573	·590	60	43	92	„	0	0	*b.*	*b.*
19	72·0	75·2	63·5	·696	·721	·568	71	57	92	„	0	0	*b.*	*b.*
20	72·0	76·1	63·5	·629	·744	·568	55	57	92	„	0	0	*b.*	*b.*
21	72·0	73·0	62·5	·629	·617	·548	55	47	92	„	0	0	*b.*	*b.*
22	68·5	70·0	62·5	·514	·498	·555	47	38	95	„	0	0	*b.*	*b.*
23	67·0	66·2	60·5	·466	·371	·496	43	29	86	„	0	0	*b.*	*b.*
24	64·0	64·2	54·6	·388	·315	·358	38	25	69	„	0	0	*b.*	*b.*
25	62·3	62·6	52·6	·331	·301	·328	32	27	68	„	0	0	*b.*	*b.*
26	65·5	69·0	51·1	·467	·533	·344	49	48	80	„	0	0	*b.*	*b.*
27	63·3	62·3	50·6	·390	·252	·325	41	20	77	„	0	0	*b.*	*b.*
28	62·1	65·2	51·6	·351	·415	·365	37	40	90	„	0	3	*b.*	K. *c.*
29	65·0	64·5	51·6	·422	·379	·371	42	36	93	„	0	0	*b.*	*b.*
30	62·3	64·0	53·6	·344	·348	·394	34	31	91	„	0	0	*b.*	*b.*
31	62·3	64·0	50·6	·371	·361	·351	40	34	90	„	0	0	*b.*	*b.*
Mean	71·3	71·9	63·5	6·34	·598	·578	57	47	89	Total 1·05	1·2	1·7	...	...

LUCKNOW—NOVEMBER 1890.

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.				WIND.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·662	29·526	79·7	81·7	84·7	52·5	32·2	140·2	55·5	44·1	8·4	Calm	Calm	NNW	NNW	27
2	·613	·528	78·7	83·7	85·3	54·0	31·3	139·7	54·4	48·1	5·9	NNW	NNW	NNW	NNW	58
3	·667	·575	77·2	80·7	83·2	54·0	29·2	138·7	55·5	47·6	6·4	NNW	NNW	NNW	Calm	24
4	·720	·597	77·7	79·7	83·2	55·0	28·2	139·7	56·5	48·1	6·9	NNW	NNW	WNW	NNW	47
5	·732	·579	77·7	80·2	82·2	55·0	27·2	141·7	59·5	46·1	8·9	NW	NW	NW	NW	63
6	·672	·525	75·7	79·7	83·2	52·0	31·2	140·7	57·5	45·1	6·9	NNW	NNW	NNW	NNW	66
7	·655	·551	77·7	78·7	83·2	56·9	26·3	142·2	59·0	50·1	6·8	NNW	NNW	NNW	Calm	33
8	·718	·605	73·7	78·7	83·7	52·0	31·7	138·7	55·0	46·1	5·9	Calm	NNW	NW	Calm	33
9	·707	·586	77·7	81·7	85·3	55·0	30·3	140·7	54·4	53·1	1·9	NW	NW	NW	NW	128
10	·616	·551	72·7	79·7	82·2	53·0	29·2	136·7	54·5	44·1	8·9	NW	NW	NW	NW	151
11	·671	·581	73·2	81·2	84·2	50·5	33·7	136·7	52·5	43·1	7·4	NNW	WNW	WNW	WNW	30
12	·675	·553	75·2	80·7	84·2	51·0	33·2	139·2	55·0	45·6	5·4	WNW	WNW	NW	NW	95
13	·635	·545	75·7	77·7	84·7	53·0	31·7	143·2	58·5	47·1	5·9	NW	WNW	W	W	108
14	·663	·579	74·7	77·7	84·2	50·0	34·2	140·7	56·5	44·1	5·9	W	W	W	W	128
15	·663	·565	72·7	79·7	82·2	49·0	33·2	138·2	56·0	40·1	8·9	W	WNW	W	WNW	110
16	·711	·640	66·8	73·7	82·2	55·0	27·2	137·7	55·5	37·1	17·9	WNW	WNW	NW	NNW	52
17	·720	·640	69·7	77·7	82·7	45·0	37·7	137·2	54·5	38·6	6·4	NW	NW	NW	Calm	31
18	·745	·667	72·7	80·2	82·7	48·0	34·7	136·7	54·0	40·1	7·9	Calm	Calm	WNW	WNW	19
19	·723	·640	73·7	79·7	82·2	51·0	31·2	135·2	53·0	43·1	7·9	Calm	WNW	SE	SE	24
20	·743	·620	74·7	77·7	82·2	53·0	29·2	134·2	52·0	47·1	5·9	SE	SE	Calm	ENE	34
21	·790	·686	73·7	77·7	81·7	55·0	26·7	139·2	57·5	48·1	6·9	Calm	NE	NNE	NNE	35
22	·811	·703	73·7	78·2	82·2	55·0	27·2	142·7	60·5	47·6	7·4	NNE	NNE	NW	NW	37
23	·817	·703	72·7	75·7	82·2	53·5	28·7	141·2	59·0	46·1	7·4	WNW	W	W	W	74
24	·791	·675	72·9	79·7	82·7	52·0	30·7	134·7	52·0	44·1	7·9	W	WSW	WNW	Calm	46
25	·782	·650	74·7	74·7	82·9	52·0	30·9	125·2	42·3	44·1	7·9	Calm	Calm	NW	ENE	42
26	·740	·627	72·7	79·9	81·2	52·5	28·7	128·7	47·5	44·1	8·4	ENE	ENE	NNE	NNE	29
27	·753	·624	71·7	74·7	81·2	49·5	31·7	135·7	54·5	40·1	9·4	NNE	NNE	Calm	Calm	39
28	·777	·662	71·7	77·7	80·7	49·7	31·0	131·7	51·0	43·1	6·6	NNE	NNE	NNW	NNW	38
29	·767	·673	71·2	78·7	80·4	49·7	30·7	134·2	53·8	45·1	4·6	NNW	WSW	NW	NW	32
30	·733	·590	70·7	73·7	80·7	51·0	29·7	132·7	52·0	47·1	3·9	Calm	NW	NW	NW	20
Mean	29·716	29·608	74·1	78·7	82·8	52·2	30·6	137·5	54·6	44·9	7·2	...	...	...	...	55

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	63·1	66·0	51·1	·358	·430	·358	35	40	90	*Nil*	0	0	*b.*	*b.*
2	63·1	67·0	52·6	·371	·439	·380	38	38	90	„	0	0	*b.*	*b.*
3	65·0	65·0	52·6	·456	·409	·380	49	39	90	„	0	4	*b.*	Cs. *c.*
4	64·0	63·1	53·8	·414	·358	·400	44	35	93	„	0	4	*b.*	Cs. *c.*
5	63·3	63·1	53·1	·390	·351	·380	41	34	87	„	0	5	*b.*	Cs. *c.*
6	61·1	60·1	51·1	·346	·260	·364	39	26	93	„	5	5	Cs. *c.*	Cs. *c.*
7	61·1	60·1	53·3	·319	·274	·361	34	28	77	„	5	6	Cs. *c.*	Cs. *c.*
8	62·1	64·0	50·6	·405	·401	·351	49	41	90	„	4	4	Cs. *c.*	Cs. *c.*
9	62·1	62·1	51·6	·351	·298	·338	37	28	78	„	4	4	Cs. *c.*	Cs. *c.*
10	56·1	60·1	46·7	·232	·261	·237	29	26	59	„	0	0	*b.*	*b.*
11	63·1	68·0	49·7	·445	·509	·347	55	48	94	„	0	0	*b.*	*b.*
12	59·6	64·0	49·7	·305	·374	·341	35	36	90	„	0	0	*b.*	*b.*
13	60·1	61·1	49·7	·314	·319	·314	35	34	78	„	0	0	*b.*	*b.*
14	58·1	60·1	45·7	·265	·287	·252	31	30	70	„	0	4	*b.*	C. *c.*
15	57·1	60·1	45·7	·262	·261	·265	33	26	76	„	0	0	*b.*	*b.*
16	55·1	60·1	53·1	·281	·337	·380	42	41	87	„	0	0	*b.*	*b.*
17	59·1	64·0	43·7	·362	·414	·269	49	44	90	„	0	0	*b.*	*b.*
18	63·1	66·5	47·2	·451	·468	·315	56	46	94	„	0	0	*b.*	*b.*
19	62·1	64·0	49·7	·405	·388	·341	49	38	91	„	0	0	*b.*	*b.*
20	66·0	67·0	52·1	·524	·520	·378	61	55	93	„	0	0	*b.*	*b.*
21	65·0	66·0	54·1	·502	·484	·409	60	51	94	„	5	5	C. *c.*	C. *c.*
22	65·0	64·5	53·8	·502	·425	·400	60	44	93	„	0	3	*b.*	Cs. *c.*
23	64·0	63·1	52·6	·481	·411	·385	59	46	94	„	0	6	*b.*	K. *c.*
24	61·3	63·1	50·6	·390	·358	·351	48	35	90	„	0	0	*b.*	*b.*
25	65·0	63·6	50·6	·489	·442	·351	57	52	90	„	5	7	C. *c.*	Cs. *c.*
26	64·0	66·0	51·6	·481	·454	·371	59	44	93	„	0	0	*b.*	*b.*
27	63·1	64·5	48·7	·465	·472	·334	60	55	94	„	4	5	C. *c.*	C. *c.*
28	63·1	65·0	48·4	·465	·449	·324	60	47	91	„	0	0	*b.*	*b.*
29	62·1	65·5	49·2	·438	·453	·344	57	47	96	„	0	3	*b.*	*c.*
30	62·1	64·0	50·2	·445	·468	·354	59	56	94	„	6	5	*c.*	*c.*
Mean	62·0	63·7	50·4	·397	·392	·346	47	40	88	Total *Nil*	1·3	2·3	...	...

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.				WIND.				
												Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·659	29·538	71·9	74·7	79·7	51·5	28·2	134·7	55·0	47·1	4·4	NW	Calm	NW	Calm	32
2	·682	·579	73·3	76·2	81·7	52·0	29·7	134·9	53·2	45·3	6·7	WSW	Calm	NW	NW	29
3	·704	·618	72·7	72·7	80·7	54·0	26·7	133·7	53·0	48·1	5·9	W	SW	NNE	Calm	51
4	·731	·638	68·8	71·7	75·2	55·0	20·2	121·7	46·5	50·1	4·9	Calm	NNE	N	N	30
5	·672	·559	73·7	77·7	80·2	55·0	25·2	134·7	54·5	50·1	4·9	NNW	W	WNW	WSW	133
6	·619	·492	72·7	77·7	80·2	57·9	22·3	132·7	52·5	52·8	5·1	W	WNW	WSW	WSW	168
7	·676	·539	67·3	77·7	81·2	56·5	24·7	134·2	53·0	48·6	7·9	WSW	NW	WNW	WNW	72
8	·694	·608	73·7	77·7	80·7	55·0	25·7	132·2	51·5	50·1	4·9	WNW	WNW	N	Calm	37
9	·678	·544	74·9	79·7	82·2	54·0	28·2	133·2	51·0	48·3	5·7	N	Calm	NW	NW	42
10	·658	·547	72·7	74·7	79·7	55·0	24·7	132·2	52·5	48·6	6·4	NW	NW	W	W	104
11	·628	·521	66·8	70·7	75·2	52·0	23·2	130·4	55·2	45·1	6·9	W	NW	WSW	WSW	162
12	·706	·564	64·8	71·7	75·2	44·0	31·2	130·2	55·0	35·1	8·9	WSW	WSW	WNW	NW	45
13	·691	·561	64·3	69·7	73·1	42·5	30·6	129·7	56·6	34·1	8·4	NW	NW	W	W	75
14	·696	·607	63·8	69·7	75·2	44·0	31·2	135·7	60·5	37·1	6·9	WSW	WSW	NNW	NNW	48
15	·775	·651	66·8	69·7	75·7	44·0	31·7	130·4	54·7	36·3	7·7	NNW	NNW	NNW	NNW	32
16	·729	·596	68·8	72·7	76·2	46·5	29·7	137·4	61·2	38·6	7·9	Calm	NE	ESE	ESE	106
17	·773	·658	66·8	75·7	77·7	55·0	22·7	127·7	50·0	41·1	13·9	NE	E	SE	SE	109
18	·765	·674	63·8	71·7	73·6	52·0	21·6	127·7	54·1	39·8	12·2	SE	ENE	W	W	115
19	·810	·676	61·8	70·7	72·1	50·0	22·1	126·7	54·6	39·1	10·9	WNW	NW	NW	NW	127
20	·791	·657	61·8	71·2	74·1	47·0	27·1	127·2	53·1	38·6	8·4	NW	WNW	NNW	NNW	42
21	·748	·620	65·8	70·7	76·2	54·0	22·2	134·7	58·5	49·6	4·4	Calm	NNE	NW	NW	62
22	·736	·628	63·8	69·7	72·1	53·5	18·6	127·2	55·1	48·1	5·4	WNW	WNW	W	W	202
23	·773	·687	58·8	67·8	72·1	48·0	24·1	124·7	52·6	44·1	3·9	WSW	WSW	W	W	133
24	·891	·771	63·8	68·8	72·1	42·0	30·1	127·7	55·6	39·8	2·2	WSW	WSW	NNW	NNW	45
25	·810	·674	64·8	72·7	75·7	46·0	29·7	127·2	51·5	42·6	3·4	NNW	Calm	WNW	WNW	48
26	·708	·606	68·8	68·8	75·7	52·5	23·2	130·7	55·0	47·1	5·4	SSW	N	WSW	WSW	136
27	·694	·616	56·8	65·8	68·1	44·0	24·1	123·7	55·6	41·1	2·9	WSW	WSW	WSW	WSW	183
28	·779	·679	57·8	67·8	70·1	45·0	25·1	126·7	56·6	40·1	4·9	W	WSW	WNW	W	159
29	·755	·659	58·8	67·8	70·1	42·0	28·1	125·7	55·6	33·1	8·9	WSW	WSW	W	WSW	111
30	·769	·636	56·8	68·8	71·1	42·0	29·1	124·2	53·1	34·1	7·9	NNW	NNW	NW	NW	76
31	·756	·684	61·8	68·8	72·1	46·0	26·1	127·2	55·1	39·1	6·9	NW	WNW	WNW	W	116
Mean	29·728	29·616	66·1	72·0	75·6	49·6	26·0	129·9	54·3	43·0	6·6	...	...	...	...	91

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	63·1	64·0	50·6	·462	·455	·358	59	53	93	*Nil*	7	7	Ck. *c.*	Ck. *c.*
2	63·1	67·0	51·1	·443	·540	·364	54	60	93	,,	4	6	Cs. *c.*	Cs. *c.*
3	63·1	65·0	52·6	·451	·516	·380	56	64	90	,,	7	10	Cs. *c.*	Cs. *o.*
4	62·8	65·0	54·1	·493	·529	·409	70	68	94	,,	8	8	Cs. *c.*	Cs. *c.*
5	63·3	63·1	54·1	·444	·384	·409	53	41	94	,,	3	6	C. *c.*	C. *c.*
6	60·1	61·3	53·6	·354	·325	·356	44	34	74	,,	4	0	Ck. *c.*	*b.*
7	58·1	65·0	52·6	·363	·449	·345	54	47	75	,,	4	4	C. *c.*	C. *c.*
8	62·8	65·0	53·6	·427	·449	·394	51	47	91	,,	0	2	*b.*	C. *c.*
9	64·0	67·0	53·1	·452	·493	·394	52	49	94	,,	0	0	*b.*	*b.*
10	63·1	61·1	53·8	·451	·359	·400	56	42	93	,,	0	0	*b.*	*b.*
11	55·8	56·1	47·7	·301	·259	·275	46	35	71	,,	0	0	*b.*	*b.*
12	55·1	56·8	42·7	·308	·265	·258	50	34	90	,,	0	0	*b.*	*b.*
13	54·0	56·1	41·6	·282	·272	·252	47	38	92	,,	0	0	*b.*	*b.*
14	55·1	56·6	42·7	·321	·285	·258	54	40	90	,,	7	0	Ck. *c.*	*b.*
15	56·1	59·1	42·9	·310	·362	·263	47	49	91	,,	3	7	C. *c.*	C. *c.*
16	56·8	59·1	45·7	·304	·322	·298	43	41	94	,,	4	4	C. *c.*	C. *c.*
17	58·6	63·1	52·6	·386	·411	·365	59	46	84	0·47	5	3	Ck. *c.*	Ck. *c.*
18	60·1	60·6	51·1	·472	·383	·364	79	50	93	*Nil*	0	0	*b.*	*b.*
19	56·8	61·1	48·7	·397	·412	·327	72	55	91	,,	0	0	*b.*	*b.*
20	57·1	61·3	46·2	·406	·412	·303	73	53	94	,,	0	5	*b.*	Cs. *c.*
21	60·3	63·1	53·1	·452	·478	·394	71	64	94	0·03	6	5	Ck. *c.*	Ck. *c.*
22	59·3	56·1	52·6	·446	·272	·385	75	38	94	*Nil*	0	0	*b.*	*b.*
23	54·2	54·5	45·7	·361	·251	·278	72	38	83	,,	0	0	*b.*	*b.*
24	56·1	58·8	41·1	·350	·365	·247	59	52	92	,,	0	5	*b.*	C. *c.*
25	57·1	61·3	45·2	·366	·392	·292	59	48	94	,,	2	3	C. *c.*	C. *c.*
26	62·3	57·1	50·6	·476	·313	·344	67	44	86	,,	0	4	*b.*	C. *c.*
27	50·2	53·0	42·7	·278	·234	·258	60	37	90	,,	0	0	*b.*	*b.*
28	50·0	52·5	42·1	·259	·194	·231	54	29	76	,,	0	3	*b.*	C. *c.*
29	51·5	55·1	39·6	·286	·268	·212	58	39	79	,,	0	5	*b.*	C. *c.*
30	54·2	58·6	41·6	·388	·358	·258	83	51	96	,,	3	3	C. *b.*	C. *c.*
31	55·6	57·1	45·2	·362	·313	·292	66	44	94	,,	0	0	*b.*	*b.*
Mean	58·1	60·1	48·1	·382	·365	·321	60	46	90	Total 0·50	2·2	2·9	...	...

Hours.	JANUARY.									FEBRUARY.									MARCH.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	5·5	4·5	6	3·5	1	6	24	19·5	3	8·5	8	6	0	0	11	29·5	29	4	3	16·5	7·5	14	24	18·5	49·5	9	0
1 to 2	7·5	3	6·5	2·5	1	5	31·5	22	7	12·5	6·5	5·5	0	2·5	7·5	27·5	27	4	3	11	7	20·5	25	17·5	44	11	0
2 to 3	7	0	5	2	3	6·5	33·5	23	6	12·5	4	3	0	2	9	23·5	29	5	3·5	12·5	4	18	22	18	47·5	12·5	0
3 to 4	9	0	6	7	4	1·5	32·5	22	4	9	6	5	0	4·5	4·5	22	38	4	6	9·5	1·5	12	21	20	45·5	16·5	1
4 to 5	8·5	0·5	2·5	5	4	3	31·5	22	3	9·5	8·5	7·5	0	5	5	18·5	45	6	7·5	12·5	2	18	22·5	17·5	47	18	2
5	5·5	0·5	2	4·5	3	5·5	30	19	5	11·5	7·5	6·5	0	8	2	16	46·5	5	2	8·5	1·5	16	13	5·5	43·5	21	1
6 to 7	4·5	0	3	2	2	2·5	33·5	17·5	7	10	7	6	0	8·5	3·5	20	29	5	3	15	1	9·5	17·5	14	32	22	1
7 to 8	5	2	0·5	4·5	2·5	2	34	15·5	7	6	7·5	7·5	0·5	9	2·5	18·5	24·5	9	0	6	1	10	19	10	28·5	36·5	0
8 to 9	2·5	1	2	1·5	0	2	35	13	14	3	15·5	3·5	0	7	2	21·5	33·5	6	0	11·5	7·5	15	7·5	14·5	33·5	36·5	2
9 to 10	6·5	1	2	0	0	3·5	34	14	11	36·5	6·5	0	4·5	6·5	2	27·5	39·5	4	5	14·5	6·5	16·5	17·5	32	62·5	26·5	1
10 to 11	13·5	3	0	3	1	2·5	34·5	33·5	3	33·5	2	0	6·5	9	6	17	60	1	4·5	10·5	6	21	18	42	53	34	1
11 to noon	13	1·5	3·5	4	2	0	56	45	3	29	3·5	0	7·5	6·5	12	43	65·5	1	3	9·5	12	21·5	15	52·5	65	34·5	1
Noon to 13	10·5	1	6	4·5	1·5	2	79·5	55	1	43	4	0	4	12·5	8	63·5	59	0	7	4	22	28	14·5	52·5	83	40	0
13 to 14	4	0·5	4·5	11	2	2	101	45	0	29·5	1	0	3·5	11	8·5	94·5	68	0	6	0	33	28	17·5	47	110·5	34	0
14 to 15	5·5	2	4	4	1	0	101	42·5	2	21·5	0	0	4	9	9·5	96	73	0	6	0	25	30·5	20	39·5	118·5	44·5	0
15 to 16	7·5	10	1·5	4·5	0	2·5	85·5	40·5	2	29	1	0	2·5	7·5	9·5	86	62·5	0	8	2	20	32	37	31	90·5	50·5	0
16 to 17	7	6	2·5	3·5	0	2·5	48·5	37	5	27	1	0	1	6	11·5	78·5	53	0	6	5	18	37·5	24·5	23·5	108·5	36	0
17 to 18	5	1	1	2	1	2	28·5	13·5	7	24	0	0	0·5	4	12·5	30	45	3	7	4	13·5	28	25·5	16·5	89	27·5	0
18 to 19	7·5	1	0	2	1	3	37	17·5	9	19	3·5	0	0·5	2	7·5	19	27·5	3	12	3	11·5	34·5	22	13·5	73	12·5	0
19 to 20	6	0	0·5	1·5	2	3·5	30	15·5	7	15·5	4	4	1·5	3·5	10	21	31·5	2	5·5	18·5	10	33	22·5	10	56	16·5	0
20 to 21	4	1	4	3	1	6	31·5	18·5	6	13	2	2	0	6	6	24·5	34·5	4	6	15	9	32	15	12·5	56	15·5	2
21 to 22	8	0	3	4	2	6	34·5	16·5	5	5·5	6·5	5·5	0·5	8	7·5	37	31·5	2	6	24	6	27·5	19·5	10·5	47·5	13·5	2
22 to 23	4	1	2·5	1·5	2	2	35	20	6	3·5	4·5	4·5	0·5	10·5	5	33·5	28	6	9	16	3·5	22	17	12·5	50·5	14·5	1
23 to midn.	3	2	6·5	1·5	2	2	33	19	8	4·5	6·5	5·5	0	9	5·5	31	27	7	8	14	3·5	22	15·5	15	53·5	14·5	1

HOURS.	APRIL.									MAY.									JUNE.								
	TOTAL MILES OF WIND.								Hours calm.	TOTAL MILES OF WIND.								Hours calm.	TOTAL MILES OF WIND.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1 . .	22·5	28·5	1	0	10·5	10·5	27·5	21·5	1	31·5	13·5	56	13	3	0	32	29	0	11	23	58·5	30·5	18·5	20·5	17	21	0
1 o 2 . .	19·5	33	1	0	11	17	25	18·5	1	18	18	57	21·5	0	2	36·5	36	0	2	27·5	58·5	31	24·5	18	15	22·5	0
2 to 3 . .	27·5	32·5	3	0	19	10	22	25	1	6	17·5	59·5	23·5	0	2·5	35	26	0	1	16	74·5	33·5	19	15	15·5	19·5	0
3 to 4 . .	18	23	1	0·5	8	11	27·5	19	1	6·5	21·5	47	26·5	0	2·5	36	25	0	1	17·5	72·5	32	14	12·5	21	21·5	0
4 to 5 . .	19	26	1	0·5	2·5	22	21	22	1	16	12	47·5	24	5	5	34	22·5	0	4	18·5	67·5	34	17	11	20·5	18·5	0
5 to 6 . .	10·5	21	2	0	2	16·5	22	23	3	5	17	39·5	30·5	6	2	26	20	1	9·5	14	71·5	36	7	8·5	14·5	20	0
6 to 7 . .	12	22·5	5	0	2·5	17	24·5	21·5	5	9·5	7·5	46·5	31	0	6	28·5	17	0	5·5	20	58	33·5	15·5	9·5	20	15	0
7 to 8 . .	19	12	3	4	4	5	33·5	30·5	0	1·5	19·5	61·5	29	0	2·5	34·5	19·5	0	1	23·5	80	42·5	22	12	14	11	1
8 to 9 . .	18·5	15	2	0	5	8	33	60·5	2	7·5	7·5	84·5	47	2	2·5	32·5	22·5	0	4	15·5	93	46	11	20·5	14	14	0
9 to 10 . .	23·5	38	1	1·5	7·5	8	56	71·5	0	17	17	96·5	70·5	3	12	17	63	0	3	41·5	83	86·5	10·5	14·5	24·5	23·5	0
10 to 11 . .	39·5	55	11·5	4	4	19·5	29·5	56	0	17	11	74	46	0·5	6·5	25	49	0	12	32·5	63	50·5	22·5	16·5	25·5	18·5	0
11 to noon . .	45·5	74·5	34·5	3	0	33·5	37	36	0	14·5	10·5	75·5	45	1·5	8	40	65	0	13	35·5	54	52·5	18·5	28·5	32	20	1
Noon to 13 . .	71·5	109	8	1	1	26	59	20·5	0	27	8	65·5	34·5	4·5	8	45	77·5	0	30	43·5	56	43·5	15	10	37·5	27·5	0
13 to 14 . .	68	110	7	0	3	56·5	45·5	24	0	18	14	52	32·5	2	7	70	74·5	0	41·5	37·5	66·5	24·5	12	14	37·5	42·5	0
14 to 15 . .	56·5	112	6·5	2·5	15·5	24·5	67·5	22	0	12·5	21	43	20·	0	4	76	75·5	0	25·5	52	50·5	31·5	6	8·5	42	57	0
15 to 16 . .	56·5	131	14·5	1·5	6·5	33	65	25	0	13	12	32·5	21	5·5	9	70	94	0	17	32·5	54	27·5	5·5	14·5	35	40	0
16 to 17 . .	41	113	5	1·5	6·5	33	60·5	27·5	0	7	10·5	25	20	6·5	4	73·5	85·5	0	12	33	51·5	19·5	5	12·5	26·5	38	0
17 to 18 . .	37	84·5	3	0·5	3·5	31	44·5	39	0	5·5	9	26·5	14	5·5	8·5	56	68	0	7	29·5	56·5	16	5	12	32·5	21·5	0
18 to 19 . .	24	50·5	2	3·5	3·5	17·5	36	27	1	3	7	20·5	17	2·5	16	60·5	43·5	0	10·5	23·5	51	15	6	13·5	25·5	13	0
19 to 20 . .	18	32	0	4·5	4·5	13·5	22·5	19	4	5·5	8·5	17·5	9·5	6·5	17·5	39	37	0	11	7	66·5	17·5	6·5	18	12	32·5	0
20 to 21 . .	17	32	0	0	0	14	35·5	13·5	3	4·5	10·5	20	10·5	8	13·5	43·5	34·5	0	5·5	18·5	66·5	21·5	9	16·5	12·5	11	0
21 to 22 . .	15·5	26·5	2	0	10·5	17·5	14	15	5	16	6	37	9·5	8	5·5	40	35	0	6·5	18	69	24·5	8·5	14	18·5	5	1
22 to 23 . .	20·5	24	1	1	6	14	20·5	16	1	21·5	24	40·5	3	4	4	40	31	0	7	21·5	55·5	23	9·5	20·5	24·5	4·5	0
23 to midn. . .	25	29·5	0	0·5	8	17·5	20·5	26	2	1·5	36·5	44	14	3·5	3	40	30·5	0	3	45	52	31	10·5	17·5	24·5	19·5	0

Hours.	JULY.									AUGUST.									SEPTEMBER.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	7	7·5	19·5	16	13	34	10·5	0·5	4	2	9	32·5	7·5	8	35	10	4	2	4·5	10	24·5	19·5	1·5	15	30·5	7·5	2
1 to 2	7	7	28·5	16·5	11·5	34	8·5	3	4	2·5	7	29	9·5	8·5	34	8·5	6	1	5	11	28·5	20·5	1	18	26	3	6
2 to 3	3	19	24·5	16·5	13	35·5	13·5	3	3	1	8·5	23	7	6	34	8·5	4	5	7	12·5	29	19	2·5	18·5	28·5	4	2
3 to 4	1	11	30·5	14·5	7	39·5	8·5	1	5	2·5	10	23·5	6·5	6·5	30·5	9	3·5	5	6	15	27·5	10·5	1	21·5	30	3·5	3
4 to 5	0	11·5	27·5	15	7·5	42·5	12·5	0·5	4	0·5	8	27	5	5·5	36·5	8·5	5	6	5	24	29	6	1	21	28·5	4·5	2
5 to 6	1	9·5	33·5	16	10	46	18	1	1	3	8	28	7	4·5	38·5	14	5	4	6·5	16·5	27	8·5	2	19	25	5·5	3
6 to 7	1	7·5	41	20	12·5	41	21·5	5·5	2	1	8	27·5	7	8	40	11·5	3	3	8·5	20	25·5	11	2·5	22	30·5	6·0	2
7 to 8	1·5	10	52	21	4	57·5	9	3	1	3·5	4·5	41	9·5	4	39·5	11	4	3	9·5	21	28·5	11	2·5	22·5	33·5	9·5	2
8 to 9	0	7	57·5	22	13·5	55·5	15·5	3	1	1·5	8·5	53	17	4·5	30·5	31	10	3	10	7·5	43·5	24·5	9	18·5	36·5	9·5	0
9 to 10	3	7·5	76	27·5	12	64·5	20·5	6	0	5	2·5	56·5	19	6	39	32·5	21·5	1	9·5	9	65·5	25	8·5	2	73	6·5	0
10 to 11	5	5·5	68	41·5	3	63·5	21	1·5	0	1·5	5·5	38·5	22·5	4	12·5	34	43·5	0	8·5	6·5	47·5	29	11	10·5	43	25	0
11 to noon	7	10·5	63	41·5	4	65	25·5	1·5	0	0·5	7·5	48·5	27·5	3	3·5	39·5	63	0	11	3	61	25	9	8	51·5	40·5	0
Noon to 13	12	16	49	43·5	5·5	63	36	0	0	4·5	11·5	33·5	24	4·5	2·5	30	61·5	0	10·5	15·5	57	21·5	7	6·5	58	25	0
13 to 14	2	22	45	38·5	9·5	61·5	28·5	2	0	0·5	12·5	37	24	3·5	1	25	78·5	0	16·5	10·5	49	30	3·5	4·5	63	27	0
14 to 15	0	13	40·5	46	31	50·5	28	13	0	6	17·5	27·5	14·5	6·5	4	40·5	40·5	0	11	18	56·5	20	4	0	58	24·5	0
15 to 16	10	5	44	34	7·5	42·5	41·5	7·5	0	4	23	40·5	8·5	1	3·5	29·5	47	0	6	20·5	70·5	19	2	9·5	49·5	40	0
16 to 17	17	0	34	33	7·5	31	37	6·5	1	2·5	21·5	33	11	6	8	29·5	36·5	1	13·5	35	37	13·5	1	4·5	50·5	32	1
17 to 18	16	0	32·5	20·5	11	34	33·5	1·5	1	4	24	31	5	4	7·5	21	34·5	1	12	19	32	7·5	5	0	28·5	41	2
18 to 19	9	6	30	13	3·5	28·5	20	3	2	15	14·5	25·5	4	8	10	15·5	17·5	0	3·5	15·5	37·5	8	2	0	21·5	32	3
19 to 20	13	7	23	7	2	26	14	2	3	3	10·5	22·5	4	4	13	14	8	8	6·5	17·5	23	13·5	4	0	15	14·5	6
20 to 21	17	2·5	21·5	6	12	23	8·5	0·5	5	0	7·5	29·5	6·5	5·5	15	12	11	4	4	21	20·5	14·5	6·5	0	19·5	21	4
21 to 22	11	3·5	22	6·5	1	29	11·5	0·5	6	0·5	11	29	8·5	10·5	16·5	11	8	3	3·5	17·5	16·5	9·5	2·5	0	22·5	17	3
22 to 23	8	0	26·5	7·5	1	32	10	1	5	1·5	6·5	22·5	5·5	11	25·5	11·5	11	3	6·5	19·5	16	9·5	1	3·5	22·5	11·5	3
23 to midn.	5	0	33·5	12·5	2	34·5	15	7·5	2	2	5·5	26	5·5	8	38	10·5	5·5	4	5·5	18·5	21	8	0·5	8	25·5	7	5

Hours.	OCTOBER.									NOVEMBER.									DECEMBER.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1 . .	5·5	4·5	4	2	0	2	10	38	6	7·5	2·5	1·5	3	0	0	15·5	27	5	12	5	0	5	0	12·5	45	18·5	1
1 to 2 . .	6·5	4·5	6·5	3·5	0	1	12	36	4	7·5	4	1·5	1	0	0	12·5	26·5	5	9	10·5	0	6	0	12·5	50·5	16·5	1
2 to 3 . .	3	4·5	8·5	4	0	4·5	13·5	32	4	7·5	2·5	1·5	2	0	0	10·5	32	6	5·5	6	0	5	0	17·5	43	24	4
3 to 4 . .	2	5	7·5	4·5	0	4	12·5	32·5	3	9	4	0·5	2	0	0	14	23·5	7	6·5	8	0	6	1·5	18	45	25	3
4 to 5 . .	4	2·5	5·5	5	0	1·5	13·5	24	5	9	6·5	1	1	0	0	15	29·5	2	8	8	0	6	2	14	43	26	3
5 to 6 . .	2	5·5	5	6·5	2	5·5	8	23·5	6	4·5	5	0·5	2	0	0	16	24	8	11	4	0	7	1·5	13	37	24·5	4
6 to 7 . .	3·5	6	4·5	5·5	1·5	6·5	14	21·5	6	5·5	4	0·5	2	0	0	19·5	30·5	6	7·5	3	0	4	1·5	14·5	37·5	27	6
7 to 8 . .	2·5	2	10·5	8	0	8·5	12	21·5	7	5·5	1·5	0	1	0	1·5	15	22·5	6	14	2·5	0	1	0	13	41	22·5	3
8 to 9 . .	3	3·5	12	14·5	0	7	18·5	17·5	3	5·5	2	0·5	0	0	0·5	14·5	23	11	9	2	2	1	0	19	36	26	8
9 to 10 . .	2·5	4	7·5	20	1·5	5	25	36·5	2	7·5	3·5	0·5	1	0	1·5	16·5	30·5	3	8	8	9	0	0	18·5	35·5	43	4
10 to 11 . .	12	5·5	11	9	1	6	19	39·5	0	6·5	3·5	1·5	1	3	5	21·5	38	2	13	1	5	5	0	13	20	69	3
11 to noon . .	21·5	6·5	15·5	10·5	2	5	18·5	49·5	0	13·5	5	4·5	0	0	7·5	20	61 5	0	16·5	2	7·5	7·5	0	21	44·5	79	0
Noon to 13 . .	28·5	15·5	14	9	0	4	15·5	73·5	0	15·5	7	3	0	0	8	15	82·5	0	16	1	7	6	0	14·5	93	56·5	0
13 to 14 . .	20	9	16	6	0	0	17	88	0	17	4·5	3	0	3	0	25·5	80	0	14·5	3·5	5·5	4·5	0	25·5	79	58·5	0
14 to 15 . .	14·5	10·5	12	3	0	0	19	75	0	8·5	8	1	3	0	2·5	21	86	1	15	7	3·5	5·5	0	34·5	86·5	42	0
15 to 16 . .	7·5	9·5	8·5	3·5	0	0	18·5	84·5	2	11·5	2·5	0	2	0	0	33	64	2	11	2·5	3·5	5·5	0	19	81	48·5	0
16 to 17 . .	4·5	6·5	5	3·5	0	0	8·5	53	3	7·5	3	0·5	2	0	0	17·5	43·5	5	3·5	1·5	1·5	2·5	0	16·5	54·5	26	4
17 to 18 . .	7·5	8	4	3	0	0	3·5	35	8	3·5	3·5	0·5	1	0	0	12·5	26	7	2·5	1	1·5	2·5	0	12	41	17·5	3
18 to 19 . .	7·5	8·5	7·5	3·5	0	0	3	33	7	9	3	0·5	1	0	0	12·5	26	6	2·5	0	3·5	4·5	0	13	51·5	18	4
19 to 20 . .	8	7	7	4·5	0	0	6	28·5	5	5	4·5	2	2	0	0	6·5	18	8	4	0·5	4	6	0	15	46·5	18	3
20 to 21 . .	15	4·5	6	3	0	0	7·5	27	4	6·5	1·5	1	1	0	0	9	21	10	3·5	0·5	4·5	7·5	0	16·5	45	16·5	4
21 to 22 . .	8	4·5	5·5	4	0	0	12	29	4	6·5	2	1	1	0	0	15	26·5	6	3·5	0	3·5	5·5	0	15·5	45	16	3
22 to 23 . .	7	3·5	4	2	0	0	16·5	29	1	3·5	2·5	1	1	0	0	13	23	8	7·5	0·5	4·5	5·5	0	9	46	19	1
23 to midn. . .	6·5	3·5	5	2·5	0	0	15	31·5	4	6	3	1·5	2	0	0	13	23·5	3	8·5	1	13	4	0	9·5	54·5	14·5	3

LAHORE—

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·208	29·291	29·175	29·212	29·221	47·2	65·7	74·1	46·7	58·4	75·7	44·7	31·0	9·2	129·6	53·9	36·3	8·4	NW	NW	NW	Calm	113·4
2	·203	·316	·239	·302	·265	41·3	60·2	75·3	48·7	56·4	76·2	35·5	40·7	9·5	129·4	53·2	26·4	9·1	NW	WNW	Calm	Calm	48·5
3	·295	·369	·255	·291	·302	41·8	64·2	78·0	49·2	58·3	78·4	37·2	41·2	9·3	133·2	54·8	28·8	8·4	SW	NNW	Calm	Calm	15·1
4	·269	·359	·278	·316	·305	41·3	66·9	74·1	49·0	57·8	78·0	39·1	38·9	9·3	132·0	54·0	31·0	8·1	Calm	SSE	Calm	Calm	23·5
5	·283	·341	·231	·269	·281	40·7	63·2	77·2	48·2	57·3	78·0	38·2	39·8	9·3	132·0	54·0	29·2	9·0	Calm	W	NW	Calm	32·2
6	·275	·370	·270	·319	·309	40·3	60·7	75·1	46·2	55·6	77·2	36·8	40·4	9·4	132·6	55·4	27·3	9·5	Calm	NW	WNW	Calm	33·4
7	·309	·400	·288	·327	·331	41·3	63·2	77·0	47·2	57·2	77·8	36·5	41·3	9·2	133·5	55·7	26·8	9·7	Calm	NNW	W	Calm	27·5
8	·334	·326	·190	·241	·273	40·5	62·2	77·0	47·8	56·9	77·7	36·7	41·0	9·3	133·0	55·3	26·2	10·5	W	NNE	NW	Calm	36·4
9	·228	·314	·247	·315	·276	42·8	59·4	77·7	49·2	57·3	77·7	41·4	36·3	7·8	135·0	57·3	32·0	9·4	Calm	SE	Calm	E	28·5
10	·293	·353	·230	·243	·280	45·2	61·0	72·1	49·7	57·0	74·5	43·6	30·9	9·0	126·5	52·0	34·8	8·8	E	SE	N	Calm	50·5
11	·201	·283	·173	·202	·215	45·2	65·6	73·1	54·2	59·5	75·8	42·5	33·3	9·1	127·3	51·5	33·2	9·3	Calm	E	Calm	Calm	36·4
12	·178	·256	·177	·230	·210	53·2	65·6	74·7	53·2	61·7	76·5	50·8	25·7	8·6	127·4	50·9	44·1	6·7	E	E	S	Calm	69·8
13	·230	·291	·225	·268	·253	46·7	60·0	72·1	51·2	57·5	75·2	43·4	31·8	8·3	126·2	51·0	34·8	8·6	W	E	Calm	Calm	24·2
14	·244	·345	·244	·281	·278	45·2	60·9	67·1	51·7	56·2	71·2	41·6	29·6	3·5	119·5	48·3	33·8	7·8	Calm	W	Calm	Calm	21·5
15	·275	·373	·261	·300	·302	45·2	59·2	71·7	56·5	58·1	72·6	42·3	30·3	4·6	128·7	56·1	34·0	8·3	Calm	N	NW	N	51·0
16	·272	·351	·275	·321	·305	53·2	65·1	68·1	57·2	60·9	72·2	45·9	26·3	5·1	126·0	53·8	36·9	9·0	SW	NNW	Calm	Calm	35·9
17	·262	·400	·299	·363	·331	55·2	57·2	66·3	53·2	58·0	67·2	52·2	15·0	4·5	126·0	58·8	44·9	7·3	N	E	NE	N	64·3
18	·323	·391	·322	·320	·339	52·2	55·2	56·8	53·0	54·3	57·3	50·8	6·5	0	72·5	15·2	46·1	4·7	NE	NNE	NE	N	47·5
19	·242	·319	·218	·238	·254	51·7	59·2	64·2	53·7	57·2	67·2	49·5	17·7	1·3	129·4	62·2	44·9	4·6	N	N	N	N	147·1
20	·214	·281	·185	·222	·225	47·2	61·2	70·1	54·2	58·2	71·2	45·9	25·3	6·2	137·4	66·2	39·9	6·0	N	NW	NW	Calm	31·7
21	·200	·260	·175	·206	·210	48·2	64·2	70·1	56·2	59·7	72·8	45·1	27·7	5·9	129·5	56·7	38·9	6·2	Calm	ESE	S	Calm	41·6
22	·148	·228	·113	·154	·161	58·2	56·6	60·8	54·2	57·4	60·8	54·0	6·8	0·2	87·0	26·2	47·8	6·2	E	SE	Calm	Calm	35·7
23	·114	·204	·105	·146	·142	50·2	59·2	67·5	52·2	57·3	67·8	47·6	20·2	9·1	126·3	58·5	40·7	6·9	Calm	N	W	Calm	36·8
24	·130	·249	·180	·260	·205	43·7	61·2	68·3	46·2	54·9	70·2	42·4	27·8	9·8	129·0	58·8	35·8	6·6	Calm	NW	W	W	58·7
25	·251	·342	·247	·274	·278	42·3	55·0	66·1	44·1	51·9	67·2	35·4	31·8	10·1	127·0	59·8	24·8	10·6	N	N	N	W	91·3
26	·252	·319	·225	·261	·264	37·3	58·2	68·1	43·6	51·8	69·3	32·4	36·9	10·1	127·4	58·1	23·0	9·4	Calm	W	N	Calm	60·0
27	·220	·288	·185	·228	·230	35·3	54·7	70·1	45·7	51·4	70·6	32·0	38·6	10·2	129·0	58·4	20·8	11·2	Calm	NNW	W	Calm	58·3
28	·211	·314	·262	·322	·277	36·8	58·2	71·3	44·3	52·6	71·7	32·2	39·5	10·1	130·5	58·8	21·8	10·4	Calm	W	N	Calm	45·0
29	·300	·394	·326	·390	·352	36·8	58·7	72·9	44·9	53·3	73·4	33·2	40·2	10·2	133·4	60·0	24·0	9·2	Calm	W	S	Calm	23·9
30	·346	·413	·310	·330	·350	37·8	59·2	71·1	48·2	54·1	72·0	34·0	38·0	9·3	133·8	61·8	23·3	10·7	Calm	S	W	Calm	34·1
31	·320	·412	·319	·380	·358	41·7	58·7	70·7	45·7	54·2	71·4	36·2	35·2	9·9	133·0	61·6	27·8	8·4	Calm	SSE	NW	Calm	31·3
Mean	29·246	29·327	29·233	29·275	29·270	44·7	60·6	70·9	49·8	56·5	72·4	41·3	31·2	Total 237·4	126·6	54·1	32·9	8·4	...	...	...	...	46·9

JANUARY 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	40·9	50·8	53·1	40·4	46·3	39·9	·174	·176	·127	·170	·162	·184	53	28	15	52	37	62	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
2	36·0	49·3	55·3	41·9	45·6	33·3	·143	·209	·174	·178	·176	·163	55	39	19	51	41	78	"	0	0	0	0	*b.*	*b.*	*b.*
3	37·6	51·8	57·5	43·4	47·6	34·9	·172	·223	·202	·207	·201	·173	65	37	21	58	45	79	"	0	0	2	0	*b.*	Ck. *b. c.*	*b.*
4	38·4	52·3	57·2	45·4	48·3	37·4	·196	·201	·246	·258	·225	·202	75	30	29	74	52	84	"	0	0	0	0	*b.*	*b.*	*b.*
5	39·4	52·9	58·2	43·4	48·5	37·6	·225	·265	·234	·220	·236	·218	89	46	25	64	56	94	"	0	0	0	0	*b.* ⌓	*b.*	*b.*
6	38·9	49·6	57·7	42·4	47·2	35·6	·219	·210	·247	·222	·224	·194	88	40	28	71	57	89	"	0	0	0	0	*b.*	*b.*	*b.*
7	38·4	53·3	57·2	42·8	47·9	35·7	·196	·277	·207	·218	·224	·199	75	47	22	67	53	93	"	0	0	1	0	*b.*	Cs. *b. c.*	*b.*
8	37·2	51·3	57·5	43·2	47·3	34·7	·180	·235	·216	·220	·213	·176	72	41	23	66	50	81	"	0	0	0	0	*b.*	*b.*	*b.*
9	40·1	49·3	60·2	45·0	48·7	38·9	·214	·219	·290	·245	·242	·205	77	43	30	70	55	79	"	7	8	4	2	Cs. *c.* ⊕	Cs. *g.*	Cs. *c.*
10	42·9	53·8	59·4	47·8	51·0	42·0	·247	·321	·340	·309	·304	·247	82	59	43	86	67	87	"	0	0	0	0	*b.*	*b.*	*b.*
11	43·9	57·2	61·4	51·3	53·4	42·1	·271	·359	·390	·341	·340	·263	90	56	47	80	68	97	"	0	0	0	0	*b.*	*b.*	*b.*
12	49·8	57·5	62·2	50·9	55·1	48·1	·314	·367	·394	·344	·355	·302	77	58	45	84	66	81	"	6	0	0	0	Ck. *c.*	*b.*	*b.*
13	45·4	54·3	60·7	48·8	52·3	43·0	·288	·348	·380	·315	·333	·273	90	67	48	83	72	97	"	0	0	2	0	*b.* ⌓	Cs. *c. b.*	*b.*
14	43·4	52·8	57·0	47·3	50·1	41·1	·259	·294	·333	·269	·289	·252	86	55	50	69	65	95	"	0	8	10	0	*b.* ⌓	Pc. Cs. *o.*	*b.*
15	42·4	51·8	58·7	50·3	50·8	40·3	·236	·289	·323	·284	·283	·225	78	57	42	62	60	83	"	3	3	9	0	Cs. Pc. *o. g.*	Ck. Pc. *g. c.*	*b.*
16	48·3	55·8	57·2	54·3	53·9	44·1	·275	·324	·326	·385	·327	·267	67	52	47	81	62	86	"	5	8	10	10	Cs. Pc. *c.*	I c. *g.*	Pk. *o.*
17	52·5	54·3	60·0	52·3	54·0	50·8	·361	·385	·435	·382	·391	·354	82	81	67	93	81	90	0·09	10	10	0	8	Pk. *d.*	Pk. *o. b.* *r.* 6¼ h.	Pc. *g.*
18	50·9	52·5	54·3	51·3	52·2	50·2	·357	·361	·390	·357	·366	·356	91	83	84	88	87	96	*Nil*	10	10	10	0	Pc. *g.*	Pc. *g.* /	*b.*
19	49·8	54·5	56·6	51·8	53·2	48·3	·334	·364	·359	·362	·355	·324	86	72	60	87	76	91	"	0	10	10	0	*b.* / ⌓	Pc. *o.*	*b.*
20	46·0	55·3	59·2	51·3	53·0	45·6	·296	·361	·360	·341	·340	·303	91	66	48	80	71	98	"	0	7	8	0	*b.* ⌓	Pc. *g.*	*b.*
21	47·0	56·2	59·5	53·6	54·1	44·9	·308	·347	·369	·379	·351	·296	91	58	49	84	68	98	"	0	5	9	8	*b.* ⌓	Pc. *c.*	Pc. *g.*
22	54·3	55·8	59·2	53·5	55·7	53·0	·372	·437	·483	·402	·424	·391	76	95	91	95	89	94	0·10	10	10	8	0	Pk. *o.*	Pk. Pc. *d.*	*b.*
23	50·1	57·2	59·6	51·3	54·6	47·3	·362	·443	·407	·368	·395	·323	99	88	60	93	85	98	0·11	0	3	0	0	≡	*b.*	*b.* ⌓
24	43·2	52·8	54·3	42·4	48·2	42·3	·274	·290	·237	·222	·256	·270	96	53	34	71	64	99	*Nil*	0	1	0	0	*b.* ≡	K. *c. b.*	*b.*
25	38·4	46·9	50·3	40·2	43·9	34·4	·183	·215	·158	·199	·189	·187	67	50	24	68	52	90	"	0	0	0	0	*b.* ⊔	*b.*	*b.*
26	34·3	48·3	52·6	40·4	43·9	31·8	·160	·209	·193	·210	·193	·172	71	42	28	74	54	93	"	0	0	0	0	*b.* ⊔	*b.*	*b.*
27	32·8	47·1	54·3	40·8	43·7	31·1	·155	·225	·214	·192	·197	·164	75	52	28	62	54	91	"	0	0	0	0	*b.* ⊔	*b.*	*b.*
28	34·1	48·8	56·7	41·9	45·4	30·9	·163	·222	·268	·235	·222	·158	74	45	36	81	59	87	"	0	0	0	0	*b.* ⊔	*b.*	*b.*
29	35·1	49·1	56·4	41·2	45·4	32·5	·183	·223	·237	·211	·214	·176	84	45	29	70	57	92	"	0	0	0	0	*b.* ⊔	*b.*	*b.*
30	35·8	49·5	52·8	42·6	45·2	33·1	·185	·227	·159	·201	·193	·178	81	44	21	60	51	9	"	0	0	3	6	*b.*	Cs. *b. c.*	Cs. *c.*
31	38·4	45·6	50·9	40·9	44·0	34·5	·191	·135	·113	·194	·158	·179	72	28	15	63	44	83	"	0	2	0	0	*b.*	Cs. *c. b.*	*b.*
Mean	42·1	52·2	57·0	46·3	49·4	40·0	·242	·283	·284	·272	·270	·238	79	53	39	74	61	89	Total 0·30	1·65	2·74	2·77	1·10	...	...	...

	BAROMETER REDUCED TO 32°.					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.					WIND				
																			Direction.				Velocity
DATE.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·372	29·463	29·386	29·426	29·412	38·3	61·2	71·1	46·4	54·2	71·8	35·4	36·4	10·2	132·3	60·5	25·8	9·6	Calm	NW	N	Calm	48·6
2	·412	·487	·387	·422	·427	39·7	60·2	72·9	46·4	54·8	74·0	34·4	39·6	10·3	134·0	60·0	26·8	7·6	Calm	WNW	W	Calm	40·3
3	·390	·465	·331	·350	·384	41·3	60·4	75·1	47·2	56·0	75·7	35·6	40·1	10·3	134·2	58·5	25·0	10·6	W	W	NW	Calm	50·3
4	·310	·366	·267	·288	·308	39·1	59·7	75·1	47·2	55·3	76·5	36·7	39·8	9·3	138·0	61·5	26·0	10·7	NW	NW	W	Calm	46·3
5	·260	·354	·265	·288	·292	40·3	56·6	69·4	50·2	54·1	70·5	39·4	31·1	1·6	125·2	54·7	30·3	9·1	Calm	E	Calm	Calm	27·6
6	·258	·326	·229	·295	·277	48·2	65·0	73·5	52·2	59·7	73·6	45·3	28·3	7·1	133·0	59·4	35·2	10·1	E	E	SE	SE	74·7
7	·283	·375	·296	·333	·322	45·5	61·2	72·6	50·2	57·4	75·0	41·5	33·5	9·7	136·0	61·0	34·8	6·7	Calm	N	W	Calm	57·7
8	·323	·446	·383	·443	·400	42·7	61·0	70·5	47·2	55·4	72·0	37·5	34·5	8·9	132·5	60·5	27·8	9·7	Calm	N	SW	Calm	46·8
9	·421	·502	·395	·417	·434	39·3	63·0	73·5	49·2	56·2	73·8	34·4	39·4	10·0	136·2	62·4	25·4	9·0	NNW	NW	NW	Calm	37·4
10	·381	·466	·343	·375	·391	42·3	62·7	74·9	57·2	59·3	77·0	36·6	40·4	7·4	139·0	62·0	25·3	11·3	Calm	W	NW	Calm	61·6
11	·325	·425	·291	·341	·345	53·5	68·4	80·2	62·2	66·1	81·4	46·7	34·7	9·7	139·7	58·3	37·7	9·0	Calm	NW	NW	W	63·0
12	·298	·362	·267	·293	·305	50·2	68·1	76·2	61·2	63·9	80·4	49·0	31·4	4·0	142·0	61·6	40·7	8·3	Calm	WNW	N	Calm	56·6
13	·271	·355	·245	·271	·285	51·2	70·1	80·2	54·2	63·9	82·1	46·1	36·0	10·0	138·7	56·6	35·8	10·3	N	NNW	NNW	Calm	43·0
14	·227	·281	·156	·154	·205	48·6	69·1	78·7	65·1	65·4	81·0	45·1	35·9	7·0	144·5	63·5	35·3	9·8	Calm	W	WNW	Calm	21·4
15	·053	·123	28·951	28·934	·015	60·6	63·2	60·2	55·7	59·9	72·5	57·2	15·3	0	107·0	34·5	47·8	9·4	Calm	E	N	E	71·7
16	28·936	·062	29·017	29·121	·034	52·2	61·2	69·1	53·6	59·0	69·0	49·2	19·8	9·7	131·0	62·0	40·6	8·6	N	NW	N	Calm	101·1
17	29·104	·193	·137	·199	·158	44·3	58·0	70·1	49·8	55·5	71·1	41·1	30·0	9·0	133·0	61·9	33·8	7·3	Calm	NW	NW	Calm	59·6
18	·178	·283	·177	·220	·214	42·8	62·2	71·1	51·2	56·8	73·8	36·4	37·4	8·7	137·0	63·2	27·8	8·6	Calm	NW	N	Calm	63·3
19	·200	·279	·189	·228	·224	44·3	60·2	70·9	56·4	57·9	72·1	42·1	30·0	4·1	142·0	69·9	33·8	8·3	Calm	Calm	N	Calm	18·9
20	·194	·284	·241	·311	·258	52·2	58·2	68·8	57·2	59·1	68·8	51·0	17·8	1·7	118·6	49·8	43·9	7·1	E	Calm	E	SE	40·5
21	·303	·421	·319	·345	·347	48·6	66·1	74·3	54·2	60·8	76·2	47·0	29·2	9·8	137·4	61·2	39·0	8·0	N	NW	NNW	NW	94·0
22	·281	·342	·245	·253	·280	48·2	63·2	73·1	58·7	60·8	74·0	47·1	26·9	1·0	128·8	54·8	38·5	8·6	N	W	NW	Calm	65·4
23	·237	·305	·202	·273	·254	54·7	68·9	78·4	58·2	65·0	79·0	52·3	26·7	6·6	143·4	64·4	46·8	5·5	N	N	W	Calm	39·1
24	·251	·334	·228	·262	·269	51·2	71·9	78·2	59·2	65·1	79·6	46·3	33·3	9·1	145·0	65·4	37·5	8·8	Calm	N	N	Calm	29·2
25	·210	·278	·156	·210	·213	59·2	72·1	78·2	57·2	66·7	79·8	53·6	26·2	9·6	144·0	64·2	43·9	9·7	N	N	N	Calm	75·3
26	·194	·300	·230	·261	·246	49·0	71·1	77·2	59·4	64·2	81·2	45·9	35·3	7·4	145·0	63·8	38·6	7·3	Calm	N	N	N	40·7
27	·234	·302	·194	·254	·246	53·2	71·1	81·4	57·7	65·8	81·8	46·2	35·6	9·9	140·5	58·7	34·4	11·8	N	NW	W	NW	85·4
28	·212	·280	·167	·175	·200	50·6	71·9	83·7	57·2	65·8	84·3	45·8	38·5	9·8	145·0	60·7	35·6	10·2	Calm	NW	W	Calm	54·6
Mean	29·254	29·338	29·239	29·277	29·277	47·5	64·5	74·2	54·3	60·1	76·0	43·7	32·3	Total 211·9	135·8	59·8	34·8	9·0	...	...	...	...	54·1

LAHORE—FEBRUARY 1890.

Date.	Temperature of Evaporation						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	35·5	48·6	52·3	42·1	44·6	33·4	·172	·178	·145	·213	·177	·166	74	33	18	67	48	80	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
2	35·9	49·3	53·1	41·4	44·9	33·1	·162	·209	·143	·196	·177	·173	67	39	17	62	46	87	,,	0	0	0	0	*b.* └┘	*b.*	*b.*
3	36·1	49·8	54·3	40·4	45·2	33·1	·145	·219	·148	·163	·169	·157	56	42	16	49	41	75	,,	0	0	0	0	*b.*	*b.*	*b.*
4	35·0	48·8	54·3	41·4	44·9	33·6	·151	·203	·148	·186	·172	·153	64	39	16	56	44	70	,,	0	0	3	0	*b.*	Cs. *c. b.*	*b.*
5	37·4	46·6	53·7	45·9	45·9	36·5	·187	·187	·206	·254	·208	·179	75	41	29	70	54	74	,,	5	10	4	10	Pc. *c.*	Pc. *o.*	Pc. *o.*
6	43·0	52·3	54·7	45·6	48·9	40·8	·210	·225	·180	·220	·209	·197	62	36	22	57	44	65	,,	8	6	4	0	Pc. *g.*	Pc. Cs. ϟ	*b.*
7	41·7	52·3	54·3	44·6	48·2	39·8	·215	·276	·181	·222	·223	·224	71	50	22	62	51	85	,,	0	0	0	3	*b.*	*b.*	Cs. *b.* ●.
8	39·4	51·9	55·3	43·4	47·5	36·1	·199	·267	·237	·233	·234	·195	73	50	31	71	56	87	,,	0	0	7	0	*b.*	Cs. *c. b.*	*b.*
9	36·4	50·9	56·1	43·4	46·7	33·1	·178	·214	·221	·207	·205	·173	74	38	26	58	49	87	,,	0	0	0	0	*b*	*b.*	*b.*
10	37·4	51·3	55·5	49·0	48·3	34·3	·161	·229	·185	·241	·204	·169	58	39	20	51	42	78	,,	0	0	8	0	*b.*	Pc. *c. b.*	*b.*
11	46·3	53·3	59·2	51·1	52·5	43·1	·220	·208	·226	·230	·221	·232	53	30	22	41	36	73	,,	10	0	4	0	Pc. *o.*	Cs. *c. b.*	*b.*
12	45·4	55·3	57·4	52·3	52·6	45·3	·242	·269	·224	·276	·253	·255	66	39	24	50	45	73	,,	8	8	10	0	Pc. *g.*	Pc. *g. c.*	*b.*
13	45·8	57·2	58·9	48·8	52·7	42·8	·238	·299	·216	·275	·257	·233	63	40	21	65	47	75	,,	0	0	0	0	*b.*	*b.*	*b.*
14	44·4	55·8	60·8	56·2	54·3	42·5	·239	·271	·296	·336	·285	·239	69	38	30	53	47	79	,,	0	10	7	3	Cs. *b c.*	Cs. *o.*	Pc. *c.*
15	53·1	56·2	57·2	54·7	55·3	51·4	·305	·360	·430	·416	·378	·304	57	62	82	94	74	64	,,	10	10	10	0	Pk. *o.*	Pc. *g.*	*b.* ϟ
16	51·6	57·0	57·2	50·1	54·0	49·1	·376	·411	·312	·317	·354	·349	96	76	43	77	73	99	0·34	0	2	4	0	*b. lr.*	Cs. *c.*	*b.*
17	42·9	50·3	53·6	44·4	47·8	40·7	·259	·264	·194	·223	·235	·250	89	54	27	61	58	96	*Nil*	0	7	4	0	*b.* △	Pc. Cs. *c.*	*b.*
18	39·7	49·9	53·1	46·3	47·2	35·9	·205	·198	·166	·251	·205	·205	75	35	22	66	49	95	,,	0	0	7	0	*b.* △	Pc. *c. b.*	*b.*
19	41·4	51·3	53·8	50·3	49·2	40·7	·224	·262	·190	·285	·240	·237	76	49	26	63	54	88	,,	0	10	6	0	*b.*	Pc *o.*	*b.*
20	47·3	52·3	57·7	52·1	52·3	45·9	·263	·316	·331	·323	·308	·244	66	64	47	69	61	66	,,	2	10	5	0	Pc. *c.*	Pc. Ck. *g. c.*	*b.*
21	46·7	56·1	57·2	47·5	51·9	45·4	·295	·319	·243	·241	·274	·284	86	49	29	57	55	88	,,	0	0	0	0	*b.*	*b.*	*b.*
22	44·6	53·8	56·1	52·8	51·8	44·1	·248	·291	·226	·323	·272	·251	74	50	28	65	54	77	,,	0	8	9	10	*b.*	Pc. *g.*	Pc. *g.*
23	50·8	57·5	61·2	52·7	55·5	48·8	·321	·323	·312	·327	·321	·300	74	45	32	67	54	76	,,	8	8	4	0	Pc. *c.*	Pc. *c.*	*b.*
24	48·3	60·2	59·2	52·7	55·1	45·3	·301	·367	·252	·313	·308	·291	79	47	26	62	54	92	,,	0	0	6	3	*b.*	Pc. *c.*	Cs. *c.*
25	50·3	58·2	59·7	50·6	54·7	48·1	·248	·302	·268	·282	·275	·264	48	38	28	61	44	64	,,	0	2	0	0	*b.*	Ck. *c.*	*b.*
26	46·0	57·4	59·2	51·5	53·5	43·9	·272	·291	·266	·278	·277	·262	78	38	28	55	50	84	,,	0	3	10	2	*b.*	Cs. Pc. *g. c.*	Cs. *c.*
27	45·4	56·4	61·8	49·3	53·2	41·4	·202	·261	·292	·242	·249	·199	49	34	28	49	40	63	,,	0	0	0	0	*b.*	*b.*	*b.*
28	44·7	58·7	63·2	51·6	54·5	42·4	·219	·320	·307	·311	·289	·227	59	42	26	67	48	73	,,	0	0	2	0	*b.*	K. *c. b.*	*b.*
Mean	43·3	53·5	56·8	48·3	50·5	41·1	·231	·269	·234	·264	·249	·229	69	44	28	62	51	79	Total 0·34	1·82	3·36	4·07	1·11	...	...	...

LAHORE—MARCH 1890.

DATE.	BAROMETER REDUCED TO 32°.					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.					WIND.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·128	29·195	29·055	29·099	29·119	49·4	65·1	77·2	64·6	64·1	77·7	46·4	31·3	2·7	131·3	53·6	37·9	8·5	Calm	SSE	E	E	44·7
2	·095	·223	·180	·286	·196	59·6	71·7	81·2	63·8	69·1	81·2	52·5	28·7	9·2	141·8	60·6	45·3	7·2	Calm	SE	SW	N	114·3
3	·260	·371	·218	·234	·271	52·2	68·1	76·2	64·2	65·2	78·5	48·5	30·0	5·3	148·2	69·7	39·4	9·1	N	N	W	NW	88·1
4	·188	·353	·269	·322	·283	65·3	56·2	62·0	51·5	58·8	62·7	56·4	6·3	2·7	123·0	60·3	53·0	3·4	NW	NW	E	Calm	99·1
5	·295	·378	·246	·305	·306	47·4	61·0	69·4	56·2	58·5	72·0	46·2	25·8	9·0	133·0	61·0	41·3	4·9	E	E	E	N	86·5
6	·275	·311	·257	·269	·278	55·2	65·1	70·5	57·2	62·0	71·2	51·0	20·2	9·3	140·0	68·8	45·0	6·0	N	NW	NW	NW	162·1
7	·226	·250	·151	·178	·201	50·2	67·1	74·9	55·2	61·8	76·2	46·5	29·7	10·2	137·7	61·5	38·9	7·6	NW	NW	W	Calm	85·0
8	·160	·193	·205	·237	·199	49·2	70·4	76·7	59·2	63·9	78·5	44·8	33·7	10·5	147·2	68·7	37·0	7·8	SW	SW	W	Calm	40·2
9	·154	·187	·124	·209	·168	59·2	71·1	71·3	60·2	65·5	76·7	55·0	21·7	6·4	137·5	60·8	47·8	7·2	W	NE	SE	E	100·8
10	·197	·291	·208	·219	·229	54·5	67·1	75·6	59·2	64·1	76·2	51·0	25·2	8·7	143·3	67·1	44·9	6·1	WSW	SE	E	Calm	115·2
11	·131	·159	·050	·095	·109	54·2	70·3	79·7	58·6	65·7	79·9	51·3	28·6	9·6	142·8	62·9	42·5	8·8	NW	W	W	E	60·2
12	·077	·195	·091	·140	·126	52·7	72·1	79·7	61·2	66·4	80·8	48·0	32·8	10·3	145·0	64·2	39·1	8·9	Calm	N	S	Calm	33·4
13	·107	·170	·067	·100	·111	51·2	74·9	82·4	63·2	67·9	83·5	48·4	35·1	9·5	145·0	61·5	39·0	9·4	Calm	W	W	Calm	40·7
14	·062	·088	28·988	·007	·036	58·2	74·1	84·6	62·2	69·8	85·5	56·0	29·5	10·5	146·4	60·9	43·7	12·3	Calm	W	NW	Calm	80·4
15	28·951	28·989	·933	·018	28·973	56·9	77·1	86·2	61·7	70·5	86·9	51·0	35·9	10·8	150·5	63·6	41·9	9·1	Calm	N	Calm	Calm	26·1
16	·989	29·108	·997	·017	29·028	52·4	79·2	86·2	68·1	71·5	88·3	49·0	39·3	11·1	150·0	61·7	39·9	9·1	Calm	Calm	Calm	Calm	24·8
17	29·015	·109	29·023	·047	·048	63·2	81·2	87·2	67·1	74·7	88·4	60·0	28·4	10·7	152·3	63·9	49·8	10·2	Calm	Calm	Calm	Calm	15·9
18	·005	·056	·011	·042	·029	58·2	76·8	85·4	67·8	72·0	87·1	54·7	32·4	2·9	152·0	64·9	45·9	8·8	Calm	SE	Calm	NNE	17·0
19	·022	·113	·059	·127	·080	62·2	71·1	80·2	64·6	69·5	82·3	60·0	22·3	0	130·0	47·7	53·8	6·2	NE	NW	SE	E	58·5
20	·122	·205	·103	·072	·125	59·2	71·1	78·2	65·1	68·4	79·4	56·0	23·4	0	116·5	37·1	49·8	6·2	E	Calm	NE	SW	64·0
21	·077	·141	·077	·148	·111	61·2	69·1	77·2	65·0	68·1	79·0	58·9	20·1	8·0	151·0	72·0	54·0	4·9	E	E	Calm	Calm	55·4
22	·126	·194	·092	·126	·134	58·7	73·1	83·2	65·1	70·0	84·1	56·5	27·6	9·3	147·0	62·9	49·4	7·1	Calm	Calm	Calm	Calm	29·7
23	·118	·160	·029	·066	·093	63·2	67·8	81·2	67·1	69·8	82·8	58·0	24·8	4·0	151·3	68·5	51·2	6·8	NW	W	Calm	Calm	74·4
24	·038	·125	·047	·106	·079	61·4	69·1	78·4	63·5	68·1	82·9	59·3	23·6	7·7	147·0	64·1	55·8	3·5	Calm	SW	SE	Calm	76·1
25	·096	·186	·075	·095	·108	57·2	76·2	81·7	64·6	69·9	82·9	56·0	26·9	3·9	151·5	68·6	47·8	8·2	N	N	NNW	N	98·7
26	·062	·130	·041	·083	·079	55·2	77·2	85·0	63·0	70·1	85·7	53·0	32·7	10·1	154·2	68·5	43·9	9·1	Calm	NW	NW	Calm	58·3
27	·045	·148	·070	·099	·090	55·0	75·9	79·4	70·1	70·1	81·5	53·0	28·5	7·8	149·0	67·5	44·6	8·4	NE	N	N	N	95·3
28	·083	·193	·121	·179	·144	58·2	80·0	85·9	64·7	72·2	87·3	56·0	31·3	11·7	151·0	63·7	50·0	6·0	Calm	N	NW	Calm	91·8
29	·149	·247	·112	·161	·167	61·2	81·2	88·4	63·5	73·6	89·4	56·0	33·4	11·5	151·0	61·6	46·2	9·8	Calm	N	N	W	65·5
30	·107	·17	·120	·193	·148	57·2	85·2	82·5	70·1	73·7	91·8	54·0	37·8	5·9	160·8	69·0	44·9	9·1	Calm	E	W	N	48·1
31	·269	·302	·185	·216	·228	61·2	80·2	87·6	67·6	74·1	88·6	58·5	30·1	11·4	151·5	62·9	52·3	6·2	N	N	NW	Calm	122·3
Mean	29·115	29·152	29·103	29·145	29·139	56·8	72·4	79·8	63·1	68·0	81·6	53·3	28·3	Total 240·7	144·5	62·9	45·7	7·6	...	...	...	...	70·1

LAHORE—MARCH 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	45·4	54·1	58·7	53·3	52·9	42·9	·252	·274	·250	·259	·259	·231	71	44	27	42	46	73	*Nil*	0	10	2	0	*b.*	Pc. *o.*	Pc. *c. b.*
2	52·3	58·2	61·0	53·3	56·2	49·1	·297	·307	·268	·269	·285	·305	58	40	26	45	42	76	„	0	0	3	0	*b.*	Cs. *c.*	*b.* ϟ
3	47·5	57·2	61·4	55·8	55·5	44·5	·268	·326	·348	·335	·319	·242	68	47	38	55	52	71	„	0	5	10	10	*b.*	Pc. Cs. *c.*	Pc. *o.*
4	54·6	55·3	56·9	51·3	54·5	51·5	·286	·427	·397	·377	·372	·317	46	94	72	98	77	69	0·04	10	10	3	0	Pc. *d.o.* ϟ	Pk. *d. c.*	*b.* ⌓
5	47·3	56·7	61·2	53·1	54·6	46·2	·326	·405	·432	·364	·382	·314	99	75	60	81	79	100	0·30	0	3	0	0	P. *o.* ≡	Pc. Cs. *c. b.*	*b.* ϟ
6	51·3	58·7	57·4	53·8	55·3	49·1	·328	·410	·299	·370	·352	·325	74	66	40	78	64	87	0·15	0	4	0	0	Pk. *g.* ϟ	Ck. *c. b.*	*b.*
7	48·7	58·7	59·6	52·8	54·9	46·1	·325	·385	·308	·369	·347	·308	90	58	36	84	67	97	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
8	47·6	59·2	59·7	53·7	55·1	44·3	·310	·356	·288	·341	·324	·286	89	47	31	68	59	96	„	0	3	2	3	*b.* ⌓	Cs. Pc. *c.*	Cs. *c.*
9	52·6	59·4	60·2	53·5	56·4	50·1	·311	·352	·375	·322	·340	·299	62	46	49	62	55	68	„	10	8	8	2	Pc. *a.* ϟ	P. *g.* ϟ	Pc. *c.* ϟ
10	50·6	58·7	63·0	54·3	56·7	48·1	·319	·384	·409	·359	·368	·299	74	58	46	70	62	79	„	10	4	0	0	Pc. *o.*	Pc. *c.* ϟ	*b.* ∞
11	50·5	60·0	64·4	54·3	57·3	48·9	·320	·382	·401	·366	·367	·316	76	52	39	74	60	83	„	0	0	0	0	*b.*	∞	*b.*
12	49·9	62·2	64·4	55·3	57·9	47·1	·323	·429	·401	·361	·379	·313	81	54	39	66	60	93	„	0	0	0	0	*b.*	*b.*	*b.*
13	48·7	62·7	60·2	56·5	57·0	47·1	·312	·408	·227	·369	·329	·308	83	47	21	63	54	91	„	0	0	5	0	*b.*	Cs. *c. b.*	*b.*
14	52·3	63·2	60·0	53·3	57·2	51·6	·316	·435	·192	·291	·308	·326	64	51	16	51	45	72	„	0	0	0	0	*b.*	*b.*	*b.*
15	49·3	62·0	62·5	53·8	56·9	47·1	·252	·356	·251	·311	·292	·274	54	38	21	56	42	72	„	0	0	0	0	*b.*	*b.*	*b.*
16	48·3	61·9	63·2	55·7	57·3	46·1	·286	·325	·274	·281	·291	·275	73	32	22	41	42	78	„	0	0	0	0	*b.*	*b.*	*b.*
17	53·3	63·2	64·6	56·1	59·3	51·6	·277	·341	·308	·306	·308	·273	47	32	24	46	37	52	„	0	6	2	0	*b.*	Cs. *c.*	*b.*
18	52·3	61·2	63·5	56·2	58·3	50·0	·316	·334	·294	·300	·311	·300	64	36	23	44	42	70	„	0	10	4	0	*b.*	Ps. Cs. *c.*	*b.*
19	52·7	60·2	65·2	59·2	59·3	50·9	·274	·378	·422	·433	·377	·253	49	49	41	70	52	49	„	4	10	10	0	Pc. *o.*	Pc. *o.* ∞ ϟ	*b.*
20	56·2	64·2	67·0	62·0	62·4	54·6	·413	·509	·513	·516	·489	·409	82	66	53	84	71	91	„	0	8	10	10	*b.*	Pc. Cs. *g.*	Pk. *g.*
21	59·2	63·2	65·2	62·2	62·4	57·9	·479	·502	·462	·524	·492	·468	88	70	49	85	73	94	0·03	10	8	4	0	P. *o.*	Pc. Cs. *g.*	*b.*
22	57·2	63·7	66·2	60·2	61·8	55·7	·450	·466	·417	·458	·448	·435	91	57	36	73	64	95	*Nil*	2	1	0	0	Cs. *c.*	*b.*	*b.*
23	58·2	62·0	65·2	62·2	61·9	55·6	·421	·480	·409	·496	·451	·412	72	71	38	74	64	85	„	4	10	8	6	Pc. ♂ <	Pc. *g.*	Pc. *c.*
24	59·0	64·2	66·2	60·2	62·4	57·8	·469	·537	·482	·479	·489	·461	85	75	49	81	72	91	0·06	10	8	2	0	Pk. *o.*	Pc. Ck. *g.*	*b.*
25	55·3	62·6	63·4	57·8	59·8	53·1	·414	·388	·341	·390	·363	·367	88	44	31	64	57	81	*Nil*	0	10	10	0	*b. lr.*	Cs. Pc. *g. c.*	*b.*
26	53·3	61·2	63·5	55·3	58·3	51·1	·383	·329	·300	·337	·337	·352	87	35	25	58	51	87	„	0	3	2	0	*b.*	Pc. *c.*	*b.*
27	50·3	60·2	63·2	58·7	58·1	49·1	·304	·314	·365	·344	·332	·299	70	35	36	46	47	73	„	0	8	3	9	*b.*	P. *g.* ϟ	Pk. *g.*
28	52·8	64·2	65·2	56·2	59·6	50·6	·329	·391	·346	·340	·352	·299	67	37	28	55	47	66	„	0	0	0	0	*b.*	*b.*	*b.*
29	53·1	61·2	64·2	53·8	58·1	49·9	·298	·275	·278	·287	·285	·280	55	26	21	49	38	63	„	0	0	0	0	*b.*	*b.*	*b.*
30	49·8	62·2	61·6	57·4	57·8	49·1	·262	·254	·271	·305	·273	·286	55	21	25	41	35	68	„	0	0	10	10	*b.*	Cs. Pc. *g. b.o.*	Pc. *o.*
31	52·8	62·2	64·0	54·3	58·3	51·3	·290	·321	·282	·247	·285	·285	53	31	22	36	35	57	„	0	2	0	0	*b.*	Cs. *c. b.* ϟ	*b.*
Mean	52·0	60·8	62·6	56·0	57·9	49·9	·329	·380	·342	·358	·352	·320	71	49	35	63	55	78	Total 0·58	1·94	4·23	3·16	1·61	...	...	...

LAHORE—APRIL 1890.

Date.	Barometer reduced to 32.°					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.*	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·171	29·225	29·060	29·093	29·137	56·2	81·7	92·7	68·1	74·7	92·9	53·0	39·9	11·8	154·2	61·3	41·2	11·8	W	NW	NW	Calm	99·7
2	·070	·153	·083	·142	·112	68·1	86·0	92·2	68·6	78·7	92·2	61·0	31·2	10·4	155·3	63·1	53·6	7·4	N	E	W	Calm	80·2
3	·112	·190	·098	·126	·131	65·5	85·2	91·7	67·1	77·4	93·1	59·0	34·1	11·5	156·0	62·9	49·1	9·9	N	NW	N	Calm	56·3
4	·114	·198	·092	·120	·131	59·2	87·2	95·2	70·1	77·9	96·3	56·0	40·3	11·8	161·2	64·9	45·9	10·1	Calm	NW	W	Calm	42·0
5	·098	·173	·050	·076	·099	60·4	91·6	96·5	73·7	80·5	96·5	58·0	38·5	10·0	167·8	71·3	48·8	9·2	Calm	Calm	NW	Calm	26·7
6	·043	·122	·060	·085	·078	63·2	92·2	98·0	80·2	83·4	98·2	61·0	37·2	8·8	164·0	65·8	51·2	9·8	Calm	E	Calm	E	24·8
7	·076	·167	·099	·162	·126	78·7	96·2	96·9	74·5	86·4	98·9	72·9	26·0	5·3	165·0	66·1	69·6	3·3	SE	SW	S	Calm	120·2
8	·176	·249	·115	·152	·175	72·1	91·0	99·4	80·2	85·7	100·1	66·0	34·1	10·8	162·2	62·1	58·7	7·3	N	N	N	NW	96·0
9	·126	·187	·060	·092	·116	73·1	92·2	95·2	75·1	83·9	100·4	70·7	29·7	8·8	163·0	62·6	65·7	5·0	N	N	NNW	Calm	122·4
10	·084	·185	·046	·064	·095	67·1	93·1	100·2	81·2	85·4	102·4	65·8	36·6	10·3	162·0	59·6	62·1	3·7	W	N	NW	Calm	53·5
11	28·988	·049	28·941	28·941	28·980	68·9	91·2	96·6	80·2	84·2	100·4	66·0	34·4	4·4	165·4	65·0	58·9	7·1	SE	W	N	Calm	28·2
12	·917	28·962	·917	29·126	·980	74·1	89·6	95·7	80·2	84·9	97·6	72·1	25·5	9·0	159·0	61·4	62·9	9·2	NE	ENE	W	NW	119·0
13	29·072	29·175	29·038	·052	29·084	67·6	86·2	93·2	76·6	80·9	94·5	66·0	28·5	11·1	154·4	59·9	60·2	5·8	N	N	NNW	NW	148·4
14	·017	·035	28·922	28·943	28·979	64·2	92·2	98·7	74·1	82·3	99·3	62·0	37·3	11·8	160·5	61·2	52·8	9·2	W	N	NW	Calm	69·7
15	28·934	·002	·891	·936	·941	64·2	96·0	102·2	78·2	85·1	102·9	61·0	41·9	11·6	164·0	61·1	53·0	8·0	Calm	SW	SW	E	35·7
16	·921	28·941	·829	·932	·906	73·2	94·2	83·9	77·2	82·1	101·8	70·9	30·9	1·7	162·5	60·7	61·7	9·2	E	S	ENE	E	94·2
17	·927	29·014	·934	29·021	·974	71·4	77·0	83·7	71·1	75·8	85·9	68·0	17·9	0·9	136·7	50·8	62·9	5·1	E	E	NE	E	148·2
18	29·011	·082	·998	·052	29·036	64·5	82·7	90·2	74·5	78·0	91·3	63·0	28·3	10·9	154·0	62·7	57·7	5·3	NE	NE	E	Calm	101·5
19	·043	·110	29·054	·088	·074	66·9	87·2	96·0	77·6	81·9	96·3	64·0	32·3	9·7	157·5	61·2	55·8	8·2	NW	SE	N	Calm	38·2
20	·064	·141	·020	·001	·056	70·5	91·7	100·2	80·2	85·7	100·6	68·0	32·6	11·5	161·3	60·7	61·7	6·3	Calm	Calm	NW	Calm	48·0
21	28·978	·000	28·879	28·905	28·940	76·2	92·2	101·2	80·6	87·6	102·8	73·9	28·9	10·0	159·5	56·7	67·6	6·3	NW	WSW	Calm	Calm	82·1
22	·879	28·924	·885	·951	·910	77·2	95·2	91·0	81·0	86·1	100·0	72·9	27·1	5·5	162·7	62·7	67·4	5·5	Calm	N	N	N	75·0
23	·928	29·006	·904	·913	·938	70·6	93·7	101·0	80·4	86·4	103·0	68·0	35·0	12·0	163·5	60·5	59·7	8·3	Calm	NE	NNW	Calm	87·8
24	·843	28·890	·771	·854	·840	75·1	93·2	96·2	80·6	86·3	99·7	72·9	26·8	2·6	163·3	63·6	64·7	8·2	E	S	SE	Calm	100·7
25	·846	·896	·801	·936	·870	78·2	85·7	76·4	64·1	76·1	90·0	75·9	14·1	0	118·5	28·5	71·6	4·3	W	E	N	ENE	106·1
26	·942	29·027	29·009	29·08[illegible]	29·014	67·1	77·2	73·1	65·3	70·7	83·3	63·0	20·3	0·4	149·0	65·7	61·1	1·9	E	SE	SE	NE	120·8
27	29·062	·114	·038	·092	·076	62·2	76·8	80·2	67·1	71·6	86·9	61·4	25·5	4·6	153·0	66·1	56·0	5·4	E	SE	E	E	117·9
28	·021	·094	28·990	28·995	·025	63·0	80·2	85·4	72·5	75·3	88·3	61·4	26·9	8·2	153·0	64·7	57·7	3·7	Calm	N	NNW	Calm	88·0
29	28·959	·025	·965	29·069	·005	66·1	77·2	83·4	73·1	75·0	89·1	65·0	24·1	2·7	151·2	62·1	56·7	8·3	N	Calm	NNE	N	22·8
30	29·045	·137	29·046	·056	·071	68·1	81·0	91·2	80·2	80·1	92·3	66·0	26·3	10·5	150·8	58·5	60·9	5·1	E	N	N	N	99·4
Mean	29·016	29·082	28·986	29·035	29·030	68·4	87·9	92·6	75·1	81·0	95·9	65·5	30·4	Total 238·6	157·0	61·1	58·6	6·9	...	...	...	...	81·8

* Maximum thermometer No. 65227 has been brought into use since 10th April 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	48·8	59·2	64·0	56·2	57·0	47·6	0·249	0·206	0·119	0·295	0·217	0·260	54	19	14	42	32	64	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
2	54·8	64·2	64·4	56·2	59·9	53·7	·255	·310	·234	·289	·272	·317	37	24	15	41	29	59	„	1	3	2	0	Pc. *b.*	Pk. *c.*	*b.*
3	56·0	63·2	64·0	58·0	60·3	53·6	·324	·287	·227	·363	·300	·341	52	23	15	55	36	68	„	0	0	3	0	*b.*	Cs. *c. b.*	*b.*
4	51·7	64·2	66·5	58·2	60·1	51·1	·286	·294	·267	·329	·294	·312	57	23	16	44	35	69	„	0	0	3	0	*b.*	Cs. *c. b.*	*b.*
5	53·6	66·2	69·0	61·2	62·5	52·1	·323	·305	·341	·375	·336	·313	61	20	20	45	36	64	„	0	5	7	2	*b.*	Pc. Cs. ∞	Cs. *c.*
6	57·0	66·2	69·2	62·2	63·6	55·1	·384	·296	·328	·321	·332	·358	66	19	18	31	34	66	„	0	8	0	2	*b.*	Pc. Cs. ∞	Pc. *c.*
7	60·7	70·4	69·0	62·6	65·7	59·5	·293	·398	·347	·410	·362	·331	30	23	21	48	30	41	„	4	5	10	6	Pc. ∞	Cs. ∞	Cs. *c.*
8	60·2	69·2	70·5	63·2	65·8	58·2	·364	·422	·359	·354	·375	·383	46	28	19	34	32	60	„	0	0	0	0	↗	↗ *b.*	*b.*
9	60·2	70·2	71·7	65·2	66·8	59·2	·351	·444	·462	·491	·437	·352	43	29	28	56	39	46	„	0	0	8	0	*b.*	Cs. Pc. *b.* ∞	*b.*
10	60·2	65·7	69·2	64·2	64·8	58·0	·431	·267	·299	·374	·343	·380	64	17	15	35	33	60	„	0	0	4	0	*b.*	Cs. *b.* ∞	*b.*
11	60·9	69·7	70·6	64·2	66·3	58·2	·429	·438	·400	·388	·414	·383	61	30	23	37	38	60	„	0	6	10	0	*b.*	Pc. ∞	*b.*
12	60·2	68·2	68·7	62·2	64·8	59·4	·338	·401	·340	·321	·350	·339	40	29	21	31	30	43	„	0	2	2	10	↗	Pc. ∞	Pc. *g. d.* ♂
13	56·8	64·2	66·2	60·0	61·8	55·7	·320	·307	·283	·299	·302	·308	47	24	18	33	30	48	„	0	0	0	0	*b.* ↗	*b.*	*b.*
14	54·9	65·2	68·2	61·2	62·4	54·1	·309	·261	·282	·370	·305	·316	52	17	15	43	32	56	„	0	0	0	0	*b.*	*b.*	*b.*
15	56·2	68·7	72·5	63·6	65·2	54·1	·347	·336	·392	·394	·369	·329	58	20	19	41	34	60	„	0	2	0	0	*b.*	Cs. *b.*	*b.*
16	58·6	71·2	72·2	65·6	66·9	58·6	·300	·456	·634	·477	·472	·330	38	28	55	52	43	44	„	0	10	10	10	Pc. *g.*	Pc. *o.* ♂	Pk. *g. t. r.* at 19-20 h. ↗ <
17	63·8	67·2	68·2	65·2	66·1	63·6	·492	·536	·483	·545	·514	·530	64	58	41	71	58	77	0·44	10	10	10	0	Pk. *o.* ↗	Pc. 8.1	*b.* ↗
18	61·8	69·2	70·2	68·4	67·4	60·0	·517	·534	·471	·614	·534	·479	85	47	33	72	59	83	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
19	61·0	68·2	70·2	67·8	66·8	59·0	·459	·436	·393	·550	·459	·435	69	34	23	58	46	73	„	0	6	3	0	*b.*	Pc. *g. c.*	*b.*
20	65·2	67·2	71·7	68·2	68·1	63·5	·552	·339	·394	·530	·454	·527	74	23	21	51	42	77	„	0	0	2	0	*b.*	Cs. *c. b.*	*b.*
21	64·7	71·2	72·6	70·2	69·7	63·5	·459	·483	·417	·600	·490	·448	51	32	21	57	40	53	„	0	0	3	0	*b.* ↗	Cs. *b. c.*	*b.*
22	66·2	75·7	70·2	66·4	69·6	65·0	·498	·626	·460	·454	·509	·513	53	38	32	43	42	63	„	0	6	10	0	*b.*	Pc. ♂ ∞	*b.*
23	62·2	70·2	71·2	66·4	67·5	58·5	·449	·424	·364	·462	·425	·366	59	26	18	44	37	53	„	0	0	0	2	*b.*	*b.*	Cs. *c.*
24	63·2	70·2	73·0	67·2	68·4	60·0	·422	·431	·500	·488	·460	·347	48	27	29	46	37	43	„	0	8	10	10	*b.* ∞	Pc. ↗ ∞	Pc. ∞
25	66·7	69·2	64·2	60·6	65·2	63·5	·502	·493	·438	·484	·479	·421	52	40	48	81	55	46	„	10	10	10	10	Pc. ∞	P. *o.d.* 15¼ h. ∞ ↗	Pc. *o.r.* at 17-20 to 18 h. ↗
26	62·2	66·2	63·2	61·2	63·2	59·5	·496	·498	·449	·487	·482	·464	74	53	55	78	65	80	0·45	10	10	10	0	Pc. *o.* ↗	Pc. *o.* ↗	*b.*
27	60·2	65·0	69·0	61·8	64·0	59·0	·497	·461	·560	·483	·500	·469	89	50	54	73	67	85	*Nil*	0	10	0	0	*b.*	Cs. *o.*	*b.*
28	60·0	67·2	67·4	66·2	65·2	57·6	·479	·494	·431	·561	·490	·426	83	48	35	70	59	78	„	0	5	8	3	*b.*	Cs. *c.*	Cs. *c.*
29	61·2	67·2	67·5	65·2	65·3	60·0	·476	·534	·462	·517	·497	·453	73	57	40	63	58	73	„	2	10	10	10	Pc. *c.*	Pc. *g. d.* at 10 h.	Pc. *t. o.* <
30	63·2	71·5	73·4	69·2	69·3	62·8	·516	·645	·584	·567	·578	·530	74	60	39	55	57	83	0·10	0	6	0	2	*b.*	Ck. *c. b.*	Cs. *c.*
Mean	59·7	67·7	68·9	63·6	65·0	58·1	·404	·412	·391	·440	·412	·392	58	32	27	51	42	62	Total 0·99	1·23	4·07	4·50	2·23	...	...	...

LAHORE—MAY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·010	29·100	29·051	29·036	29·049	73·6	87·2	84·4	75·9	80·3	93·1	71·4	21·7	8·8	149·0	55·9	67·6	3·8	N	NNE	N	N	180·5
2	28·977	·052	28·946	28·968	28·986	71·5	88·2	96·5	79·5	83·9	98·3	70·4	27·9	10·1	155·0	56·7	67·6	2·8	N	NW	N	Calm	115·3
3	·925	28·993	·914	·968	·950	75·3	95·2	100·2	81·0	87·9	101·6	72·2	29·4	12·2	161·5	59·9	65·7	6·5	N	N	NW	Calm	61·6
4	·955	29·039	·947	·975	·979	72·6	94·2	101·2	82·2	87·5	103·4	69·9	33·5	10·8	161·0	57·6	61·1	8·8	Calm	NE	N	N	44·1
5	·962	·044	·944	·986	·984	72·1	93·2	100·6	83·2	87·3	102·3	70·9	31·4	11·2	160·0	57·7	65·7	5·2	NW	NW	NW	Calm	163·9
6	·972	·026	·912	·909	·955	70·1	94·2	101·2	78·2	85·9	101·5	67·0	34·5	12·5	159·4	57·9	56·7	10·3	Calm	W	W	Calm	63·0
7	·833	28·850	·726	·775	·796	73·2	97·2	99·7	85·2	88·8	101·5	70·4	31·1	5·4	155·2	53·7	63·7	6·7	Calm	W	W	N	46·0
8	·730	·766	·712	·807	·754	73·6	92·2	98·2	82·2	86·5	98·5	69·4	29·1	8·3	156·0	57·5	62·4	7·0	N	NW	W	Calm	83·5
9	·809	·904	·847	·903	·866	70·1	93·2	98·2	77·2	84·7	100·5	67·0	33·5	11·7	157·0	56·5	57·7	9·3	Calm	NW	NW	Calm	101·2
10	·879	·938	·876	·921	·904	68·7	95·2	102·0	79·7	86·4	103·3	65·0	38·3	11·8	165·7	62·4	55·8	9·2	Calm	Calm	N	ENE	38·8
11	·875	·898	·812	·857	·860	73·1	97·0	97·6	78·0	86·4	101·0	71·2	29·8	5·1	168·2	67·2	62·2	9·0	ESE	SE	E	Calm	46·7
12	·853	·946	·881	·945	·906	72·5	96·8	103·2	85·2	89·4	105·2	68·9	36·3	12·1	163·2	58·0	61·1	7·8	Calm	Calm	N	Calm	36·9
13	·946	29·021	·943	·985	·974	68·1	96·2	105·2	80·2	87·4	106·6	64·3	42·3	12·7	164·3	57·7	57·7	6·6	Calm	Calm	NW	N	53·9
14	·956	·005	·897	·936	·948	69·7	99·4	108·7	82·2	90·0	109·9	66·8	43·1	12·9	167·0	57·1	56·0	10·8	Calm	Calm	NNW	Calm	64·0
15	·900	28·961	·844	·861	·892	72·7	98·2	107·2	88·2	91·6	108·5	68·8	39·7	6·6	161·8	53·3	59·7	9·1	Calm	SE	Calm	SE	67·2
16	·835	·899	·788	·799	·830	83·2	101·2	109·2	97·2	97·7	110·7	81·8	28·9	10·2	167·3	56·6	76·5	5·3	SE	SE	SSE	SE	80·3
17	·800	·881	·753	·906	·835	87·2	97·2	104·7	82·2	92·8	106·6	83·8	22·8	1·6	148·0	41·4	80·5	3·3	SE	ESE	ESE	E	201·2
18	·874	·956	·882	·912	·906	81·2	93·2	99·2	92·2	91·4	102·1	79·5	22·6	5·7	155·5	53·4	76·5	3·0	SE	S	SE	SE	149·3
19	·993	·988	·918	·956	·964	77·2	89·2	97·2	80·2	85·9	98·5	73·9	24·6	8·4	160·4	61·9	72·6	1·3	N	NNE	NNW	Calm	167·8
20	·936	29·004	·867	·942	·937	70·1	92·2	101·0	83·2	86·6	101·3	68·5	32·8	11·5	159·5	58·2	63·7	4·8	Calm	E	WNW	N	31·7
21	·928	28·992	·915	·938	·943	78·2	90·2	100·7	81·2	87·6	102·1	74·9	27·2	6·3	157·5	55·4	63·9	11·0	Calm	E	NW	Calm	117·3
22	·909	·984	·880	·901	·919	71·1	98·2	104·7	83·2	89·3	105·3	68·8	36·5	12·3	163·0	57·7	60·7	8·1	Calm	N	N	Calm	77·4
23	·891	·957	·849	·862	·890	72·1	103·0	108·2	87·2	92·6	110·2	69·9	40·3	12·2	166·5	56·3	63·4	6·5	Calm	SE	ENE	Calm	40·5
24	·826	·856	·758	·761	·800	76·6	104·7	110·0	91·2	95·6	111·5	74·9	36·6	11·8	170·3	58·8	66·6	8·3	Calm	Calm	NNE	Calm	26·6
25	·728	·793	·687	·709	·729	79·6	104·0	112·2	91·6	96·8	113·3	76·2	37·1	11·7	172·0	58·7	68·6	7·6	Calm	NW	N	Calm	36·7
26	·690	·741	·650	·692	·693	86·6	107·7	111·2	91·8	99·3	114·3	83·8	30·5	6·3	168·2	53·9	75·6	8·2	Calm	E	SE	Calm	75·2
27	·671	·759	·616	·753	·700	89·2	100·4	106·2	91·0	96·7	108·3	87·3	21·0	0	143·7	35·4	78·7	8·6	SSE	NE	SE	NE	141·8
28	·759	·804	·760	·810	·781	86·2	92·2	91·0	78·2	86·9	96·6	85·3	11·3	0	143·0	46·4	81·6	3·7	N	NE	NE	SE	167·7
29	·813	·896	·796	·819	·831	74·4	91·2	101·2	87·2	88·5	101·5	72·9	28·6	0	149·0	47·5	68·9	4·0	ESE	SE	E	Calm	127·0
30	·811	·860	·730	·766	·792	83·2	99·2	104·2	91·7	94·6	107·0	80·8	26·2	3·1	160·6	53·6	75·7	5·1	Calm	E	ENE	N	57·8
31	·734	·812	·698	·729	·743	86·2	99·0	105·0	93·2	95·8	108·0	81·8	26·2	3·8	161·0	53·0	76·5	5·3	SE	SE	WNW	Calm	113·3
Mean	28·864	28·927	28·832	28·874	28·874	76·1	96·1	102·3	84·5	89·7	104·3	73·5	30·8	Total 257·1	159·7	55·4	66·8	6·7	...	...	...	...	89·6

LAHORE—MAY 1890.

DATE.	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.						Rainfall, Inches.	CLOUD.				CLOUD AND WEATHER INITIALS.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	66·7	72·2	67·7	67·2	68·5	65·0	·564	·589	·455	·551	·540	·533	68	45	39	61	53	69	*Nil*	0	0	3	0	*b.* ↗	Cs. ∞ ↗	↗
2	64·2	71·2	70·5	70·2	69·0	61·7	·504	·536	·397	·615	·513	·435	65	40	23	60	47	58	”	0	0	0	0	*b.*	∞	*b.*
3	64·4	69·2	70·2	67·2	67·8	63·0	·461	·366	·336	·482	·411	·454	52	22	17	45	34	57	”	3	0	0	0	Cs. *c.*	*b.*	*b.*
4	62·2	68·2	69·0	62·7	65·5	59·5	·422	·342	·277	·311	·338	·371	52	21	14	28	29	51	”	2	5	0	0	Cs. *c.*	Pc. *c*, *b.*	*b.* ↗
5	60·2	70·2	72·6	66·2	67·3	59·2	·364	·431	·425	·417	·409	·349	46	27	22	36	33	46	”	0	0	0	0	*b.*	*b.* ↗	*b.*
6	60·2	70·2	71·2	64·7	66·6	58·8	·391	·417	·361	·432	·400	·389	53	26	18	45	35	59	”	0	0	0	0	*b.*	*b.*	*b.*
7	61·2	70·2	72·2	64·2	66·9	59·5	·382	·377	·421	·321	·375	·365	46	21	22	26	29	49	”	0	0	0	0	*b.*	∞ ♂ 7 to 8 P.M.	∞
8	61·2	68·2	70·2	64·2	65·9	58·0	·376	·369	·363	·361	·367	·332	45	24	20	33	30	46	”	0	0	4	0	*b.*	Pc. ∞	*b.*
9	59·7	69·8	71·2	63·7	66·1	57·3	·375	·415	·402	·411	·401	·343	51	26	22	44	36	51	”	0	0	0	0	*b.*	*b.*	*b.*
10	58·2	70·8	71·2	63·2	65·9	55·1	·347	·426	·351	·361	·371	·305	49	26	17	35	32	49	”	0	8	2	0	*b.*	Pc. K. *c.*	*b.*
11	59·4	69·2	70·2	64·5	65·8	58·5	·326	·342	·371	·427	·366	·324	40	19	21	44	31	43	”	4	0	10	0	Pc. *c.*	Pc. *o. b.*	*b.*
12	62·0	70·0	68·7	64·2	66·0	60·6	·404	·375	·240	·321	·335	·420	49	21	12	26	27	60	”	0	0	0	0	*b.*	*b.* ↗	*b.*
13	59·5	68·2	68·7	64·4	65·2	56·9	·396	·315	·213	·395	·330	·367	58	18	10	37	31	60	”	0	0	0	0	*b.*	*b.*	*b.*
14	57·2	69·0	71·5	65·9	65·9	56·7	·304	·301	·272	·427	·326	·328	42	16	11	38	27	50	”	0	0	0	0	*b.*	*b.* H↗	*b.*
15	59·8	71·2	73·2	67·2	67·9	59·0	·344	·402	·360	·386	·373	·371	43	22	15	29	27	53	”	0	0	0	0	*b.*	*b.* ↗ ∞	*b.*
16	67·0	74·2	74·2	73·0	72·1	66·9	·446	·483	·375	·487	·448	·461	40	24	15	28	27	42	”	0	0	3	0	*b.*	Cs. *b.* ∞ H↗	↗ ∞
17	71·7	74·2	76·5	66·2	72·1	70·8	·570	·537	·532	·431	·518	·580	44	30	24	39	34	50	”	10	7	0	6	↗ ∞	↗ ∞	↗ ∞
18	67·2	74·2	75·8	74·2	72·8	65·9	·480	·591	·577	·604	·563	·456	45	38	31	40	38	46	”	0	0	10	10	↗ ∞	Pc. ∞	Pc. *l.* ∞ ↗
19	65·2	68·2	71·8	66·2	67·8	64·0	·462	·409	·439	·457	·442	·465	49	30	25	44	37	55	”	10	6	0	0	Pc. *g.* ↗ H↗ 2 to 4 h.	Pc. Pk. *g.*	*b.*
20	62·2	69·4	71·0	64·2	66·7	62·0	·455	·414	·356	·348	·393	·470	61	27	18	30	34	67	”	0	0	0	2	*b.*	*b.* ♂ 18 h.	< ↗
21	64·2	68·7	70·2	64·2	66·8	63·0	·414	·414	·330	·374	·383	·418	43	29	17	35	31	48	”	10	10	2	0	Pc. o. *lr.*	Pc. Ck. *c. g.*	*b.*
22	61·2	68·0	71·2	66·4	66·7	59·8	·410	·281	·314	·425	·357	·395	53	16	14	37	30	56	”	0	0	0	0	*b.*	*b.*	*b.*
23	62·2	72·2	73·2	68·7	69·1	60·5	·429	·377	·347	·455	·402	·403	54	17	14	35	30	54	”	0	0	0	0	*b.*	*b.*	*b.*
24	64·6	73·2	75·4	71·2	71·1	63·8	·450	·394	·413	·496	·438	·446	49	18	16	34	29	52	”	0	0	0	0	*b.*	*b.*	*b.*
25	66·2	74·9	74·5	72·6	72·0	65·0	·466	·474	·346	·546	·458	·469	46	22	12	37	29	52	”	0	0	0	0	*b.*	*b.*	*b.*
26	68·6	75·2	78·3	74·3	74·1	66·4	·459	·436	·524	·613	·508	·416	36	18	19	41	28	35	”	0	6	8	0	*b.* ♂	Pc. *c.* at 17-30 h.	*b.* ∞
27	72·2	77·3	76·3	70·2	74·0	69·7	·562	·626	·503	·460	·538	·491	41	32	21	31	31	38	”	0	10	10	10	∞	Pc. ∞	Pc. *g.* ♂
28	69·7	70·2	71·9	68·2	70·0	68·4	·506	·444	·526	·557	·508	·469	40	29	36	58	41	38	”	10	10	10	0	∞	Pc. *g.* ↗	∞
29	66·7	73·2	75·2	72·7	71·9	65·6	·553	·576	·524	·610	·566	·534	65	39	26	47	44	66	”	0	0	8	8	...	Pc. ∞	Pc. ∞
30	70·2	75·1	76·0	69·7	72·8	68·9	·565	·547	·517	·432	·515	·548	49	29	24	29	33	52	”	7	6	5	10	Pc. ∞	Pc. Cs. ∞	Pc. ∞ ↗
31	68·2	72·4	74·0	73·9	71·9	65·9	·450	·439	·423	·541	·463	·425	36	23	19	35	28	39	”	10	8	10	0	Pc. *lr.* ↗	Pc. ∞	∞
Mean	64·0	71·2	72·4	67·6	68·8	62·4	·440	·434	·396	·453	·431	·424	49	25	20	38	33	51	Total *Nil*	2·13	2·45	2·74	1·48	...	...	...

LAHORE—JUNE 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·735	28·843	28·751	28·824	28·788	88·2	99·2	105·2	94·2	96·7	107·1	85·8	21·3	0	157·0	49·9	81·5	4·3	Calm	SSE	N	S	84·3
2	·840	·909	·795	·859	·851	92·2	101·2	108·2	94·5	99·0	109·6	88·0	21·6	0	158·2	48·6	83·5	4·5	NW	W	SSW	Calm	93·4
3	·852	·901	·762	·809	·831	85·5	103·2	109·0	96·5	98·5	110·5	83·8	26·7	0	158·8	48·3	79·3	4·5	E	E	SW	W	43·8
4	·799	·841	·719	·710	·767	88·0	106·7	111·7	91·5	99·5	113·3	83·8	29·5	10·9	168·4	55·1	77·5	6·3	NW	N	NW	Calm	74·0
5	·708	·731	·615	·651	·676	86·4	105·2	112·2	97·2	100·2	114·3	85·1	29·2	10·0	168·0	53·7	78·3	6·8	Calm	WNW	W	SSE	90·0
6	·641	·695	·585	·605	·632	89·2	103·4	111·4	98·4	100·6	113·1	87·2	25·9	7·8	165·2	52·1	78·9	8·3	W	W	S	NE	113·6
7	·577	·640	·579	·598	·599	92·4	107·2	113·2	99·6	103·1	115·3	90·3	25·0	7·9	171·0	55·7	85·5	4·8	W	NW	W	Calm	76·1
8	·595	·677	·529	·779	·645	92·2	99·0	106·7	76·2	93·5	109·3	89·6	19·7	0	151·0	41·7	85·7	3·9	S	SW	S	E	88·8
9	·773	·845	·840	·811	·817	75·1	79·2	72·1	71·1	74·4	81·1	71·9	9·2	0	109·5	28·4	68·0	3·9	E	SE	N	NE	194·2
10	·848	·951	·820	·825	·861	70·7	79·2	88·2	80·8	79·7	89·1	68·9	20·2	9·5	143·4	54·3	66·4	2·5	SE	SSE	W	Calm	78·7
11	·882	·940	·829	·851	·875	76·2	88·2	96·4	84·2	86·3	97·1	74·4	22·7	12·1	154·8	57·7	70·6	3·8	Calm	E	Calm	Calm	29·0
12	·853	·931	·834	·811	·857	78·2	93·2	101·7	85·2	89·6	102·3	75·9	26·4	11·0	160·0	57·7	71·6	4·3	Calm	ENE	N	Calm	39·3
13	·793	·865	·743	·711	·778	81·8	97·2	105·0	88·2	93·0	105·5	80·0	25·5	10·2	163·3	57·8	74·6	5·4	Calm	E	NNE	Calm	43·1
14	·686	·783	·667	·657	·698	83·2	100·2	108·0	88·4	94·9	109·3	81·8	27·5	8·2	162·0	52·7	75·2	6·6	Calm	ENE	Calm	W	69·2
15	·651	·720	·618	·648	·659	86·2	98·2	108·2	92·7	96·3	109·9	81·8	28·1	1·2	155·0	45·1	75·4	6·4	SE	SE	SE	E	99·2
16	·671	·720	·598	·767	·689	87·4	97·2	107·2	88·2	95·0	107·8	86·3	21·5	0	147·6	39·8	80·5	5·8	SE	SE	SE	N	161·8
17	·790	·849	·744	·758	·785	83·4	89·4	94·4	89·2	89·1	98·1	81·0	17·1	0	141·0	42·9	80·5	0·5	SE	SE	E	E	175·0
18	·770	·814	·650	·645	·720	85·2	93·2	103·0	90·0	92·9	103·3	82·8	20·5	6·5	157·0	53·7	81·0	2·8	E	E	E	Calm	97·0
19	·673	·818	·706	·769	·741	85·2	80·2	87·7	82·2	83·8	94·2	83·8	10·4	0·1	143·0	48·8	81·0	2·8	E	N	SE	ESE	127·7
20	·815	·827	·739	·815	·799	77·2	92·2	98·4	87·2	88·8	99·3	75·9	23·4	10·5	155·6	56·3	71·6	4·3	E	E	SSE	E	104·2
21	·861	·887	·755	·759	·816	82·2	93·8	101·4	92·4	92·4	102·3	79·8	22·5	10·5	161·0	58·7	75·6	3·2	SE	ESE	E	SE	98·5
22	·766	·776	·634	·622	·699	87·0	98·2	104·4	94·2	95·9	105·3	84·5	20·8	9·9	165·7	60·4	79·5	5·0	SSE	SSW	S	S	70·2
23	·585	·608	·512	·598	·576	89·2	99·2	106·2	91·7	96·6	107·5	88·3	19·2	8·0	159·5	52·0	84·9	3·4	SE	SE	SSW	SE	94·1
24	·615	·677	·564	·614	·617	85·7	92·4	100·9	94·2	93·3	101·6	83·8	17·8	1·3	151·0	49·4	79·8	4·0	SE	E	Calm	SE	195·6
25	·661	·810	·694	·791	·739	79·6	75·2	86·7	81·4	80·7	87·3	77·7	9·6	1·9	141·0	53·7	71·9	5·8	N	SE	Calm	SE	144·3
26	·804	·830	·738	·778	·788	79·2	88·2	96·7	85·2	87·3	97·3	72·7	24·6	10·4	155·0	57·7	70·0	2·7	N	E	W	Calm	46·3
27	·756	·793	·685	·697	·733	82·2	92·2	100·0	91·2	91·4	101·3	80·8	20·5	0	153·6	52·3	77·5	3·3	Calm	SSE	N	Calm	25·1
28	·698	·761	·680	·717	·714	82·7	95·2	97·7	88·7	91·1	99·1	81·3	17·8	3·8	154·0	54·9	79·2	2·1	E	S	ESE	SE	82.9
29	·702	·787	·683	·719	·723	86·2	91·7	98·2	91·0	91·8	99·5	83·8	15·7	0	149·0	49·5	82·5	1·3	SE	SE	SE	SE	122·3
30	·737	·793	·677	·714	·730	81·2	87·7	94·4	87·2	87·6	95·3	76·9	18·4	4·6	151·2	55·9	73·6	3·3	N	E	E	Calm	87·4
Mean	28·738	28·801	28·691	28·730	28·740	84·0	94·2	101·1	89·1	92·1	102·9	81·6	21·3	Total 156·3	154·4	51·5	77·4	4·2	...	...	...	...	95·0

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Minimum.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	70·2	73·2	75·4	73·2	73·0	69·2	·498	·468	·478	·536	·495	·492	37	25	21	33	29	40	*Nil*	10	6	8	8	Pc. ∞	Pc. ∞	Cs. ♂ @ 20h.
2	69·4	72·2	75·0	70·7	71·8	68·6	·414	·401	·421	·432	·417	·440	27	20	17	26	22	33	"	10	7	8	6	Pc. ∞	Pc. ∞	Pc. ∞
3	68·4	73·2	74·2	71·2	71·7	67·9	·466	·414	·377	·425	·420	·471	38	19	15	24	24	40	"	3	8	10	4	Pc. ∞	Pc. ∞	Cs. ∞
4	69·0	74·2	74·4	71·5	72·3	67·9	·455	·408	·349	·504	·429	·471	34	17	12	34	24	40	"	0	0	0	0	∞	*b.*	*b.*
5	69·9	77·3	76·3	74·2	74·4	68·2	·510	·561	·422	·537	·507	·464	40	25	15	30	27	38	"	0	0	3	10	*b.*	Pc. *c.*	Pc. ↗ H ♂ 17·37h.
6	74·2	78·3	77·3	76·3	76·5	72·8	·645	·630	·477	·609	·590	·614	47	30	18	33	32	47	"	0	0	8	3	*b.*	Pc. *b.* ∞	Pc. *c.*
7	74·4	78·2	76·3	77·3	76·5	73·3	·609	·573	·409	·637	·557	·592	40	24	14	33	28	41	"	2	0	8	2	Cs. *c.*	Pc. *b.* ∞	Pc. *c.*
8	76·3	80·1	79·1	73·2	77·2	75·5	·693	·773	·622	·779	·717	·694	45	41	26	86	49	50	"	4	10	10	10	Pc. *c.*	Pc. ∞	Pc. ♂ 18·25h. *d.t.r.* at 21½ h. <
9	71·2	74·2	70·2	69·2	71·2	69·9	·713	·780	·714	·689	·724	·706	81	78	90	90	85	90	0·48	10	10	10	8	Pc. *o. t.* <	Pc. *g. d. t.*	PK. *t. l. o.* rain 10-21½h.
10	69·2	74·2	76·5	77·3	74·3	68·3	·695	·780	·756	·891	·780	·686	92	78	57	85	78	97	1·62	10	0	0	0	Pc. o.	*b.*	*b.*
11	75·2	78·8	78·3	77·6	77·5	73·8	·862	·859	·725	·858	·826	·827	95	64	42	74	69	98	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
12	73·4	74·2	74·2	78·1	75·0	71·6	·760	·591	·476	·868	·674	·718	79	38	23	72	53	80	"	0	0	0	0	*b.*	*b.*	*b.*
13	75·2	77·8	76·3	76·3	76·4	74·3	·786	·691	·520	·747	·686	·773	73	39	23	56	48	75	"	0	3	0	0	*b.*	Pc. *b.* ∞	*b.*
14	73·0	74·2	76·3	76·3	74·9	71·8	·675	·496	·479	·745	·599	·647	60	25	20	56	40	60	"	0	0	0	0	*b.*	∞	*b.*
15	71·0	79·3	78·3	74·7	75·8	70·4	·555	·746	·565	·618	·621	·591	45	41	23	40	37	54	"	0	0	0	0	*b.*	↗ ∞	*b.* lr.
16	74·2	81·3	79·5	73·2	77·0	72·8	·669	·854	·633	·617	·693	·624	51	48	26	46	43	50	"	0	8	0	10	*b.*	Pc. ↗ ∞	Pc. g. ♂ 22h.
17	73·2	75·2	78·1	80·3	76·7	70·8	·681	·683	·743	·915	·755	·618	60	49	46	66	55	59	"	6	8	10	5	Pc. ∞	Pc. ∞	Pc. ∞
18	78·3	79·3	79·7	77·5	78·7	73·8	·877	·814	·700	·775	·791	·714	72	52	33	55	53	63	"	6	0	0	0	Pc. ∞	∞	*b.*
19	76·5	72·2	75·2	73·2	74·3	71·8	·796	·684	·707	·698	·721	·620	65	66	54	63	62	54	"	0	10	6	0	*b.*	Pc. *d.* ∞ ↗ ♂	Ck. ↗ ∞
20	73·0	76·3	77·3	77·1	75·9	67·7	·756	·693	·653	·796	·724	·569	81	45	36	62	56	63	"	0	0	0	0	*b.*	*b.*	*b.*
21	75·6	80·3	81·6	79·3	79·2	74·3	·798	·852	·812	·825	·822	·775	73	53	40	54	55	76	"	0	0	2	0	*b.*	K. *b. c.*	*b.*
22	79·1	80·8	81·5	79·3	80·2	77·4	·889	·817	·766	·800	·818	·846	69	45	34	49	49	72	"	0	0	3	0	*b.*	Cs. *c. b.*	*b.*
23	79·3	81·3	83·3	79·5	80·9	77·2	·868	·827	·829	·844	·842	·785	63	44	36	57	50	59	"	0	0	0	10	*b.*	∞	Pc. ∞ ↗
24	79·3	81·3	83·3	82·1	81·5	76·7	·915	·919	·902	·933	·917	·824	74	61	46	58	60	72	"	5	0	0	0	Pc. ∞	∞	∞
25	69·6	73·2	77·3	77·3	74·4	68·9	·590	·792	·812	·883	·769	·589	58	90	63	83	74	61	"	10	10	6	0	P. ↗ ∞	Pk. *o. d. r.*	Pc. C. *b.* ↗
26	74·2	78·2	78·5	78·3	77·3	68·1	·780	·831	·730	·877	·804	·627	78	62	42	72	64	78	0·97	10	3	0	0	Pc. o.	Pc. Cs. *c.*	*b.*
27	78·3	81·8	80·8	82·9	80·9	75·7	·917	·946	·792	1·014	·917	·821	83	62	42	69	64	78	*Nil*	10	8	6	4	Pc. o.	Pc. ∞	Pc. ∞
28	74·7	79·3	81·3	79·3	78·6	73·8	·753	·787	·847	·875	·815	·734	67	47	47	64	56	69	"	6	4	8	4	Pc. ↗ ∞	Pc ∞	Pc. ∞
29	76·3	78·3	80·3	80·8	78·9	74·8	·774	·789	·793	·914	·817	·742	61	52	43	63	55	64	"	7	6	8	3	Pc. ∞	Pc. ∞	Pc. Cs. ∞
30	77·3	80·1	82·3	82·3	80·5	75·6	·886	·926	·941	1·039	·948	·870	83	71	58	80	73	94	0·28	10	9	7	0	Pc. Pk. *t. r.* 3 to 6h. <	Pc. Ck. *o.*	*b.*
Mean	74·0	77·3	77·9	76·6	76·5	72·1	·709	·713	·648	·756	·707	·665	62	47	35	57	50	63	Total 3·35	3·97	3·67	4·03	2·90	...	...	...

LAHORE—JULY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·724	28·849	28·805	28·853	28·808	84·2	90·7	84·0	83·2	85·5	98·3	82·8	15·5	3·5	159·2	60·9	80·5	2·3	ESE	SE	Calm	E	73·0
2	·857	·956	·910	·948	·918	80·2	90·2	84·4	79·0	83·4	97·5	79·4	18·1	3·7	163·8	66·3	77·5	1·9	E	SE	N	E	98·1
3	·900	·962	·826	·851	·885	77·2	88·6	89·4	85·2	85·1	93·5	76·9	16·6	6·9	156·5	63·0	74·4	2·5	NE	E	SE	E	105·6
4	·805	·798	·704	·732	·760	78·2	85·7	81·2	74·1	79·8	86·3	77·4	8·9	1·5	127·5	41·2	74·6	2·8	SE	SE	N	NE	152·3
5	·656	·677	·676	·752	·690	75·8	78·2	84·2	78·2	79·1	84·8	73·4	11·4	2·7	136·5	51·7	72·9	0·5	N	N	W	E	151·9
6	·760	·769	·686	·690	·726	76·6	87·9	93·4	86·2	86·0	94·3	75·5	18·8	9·3	152·0	57·7	73·8	1·7	E	SE	Calm	Calm	64·3
7	·652	·697	·648	·679	·669	82·2	92·2	97·0	87·2	89·6	97·3	81·5	15·8	11·6	155·0	57·7	77·5	4·0	Calm	E	WSW	Calm	33·0
8	·691	·761	·708	·712	·718	84·7	90·6	95·2	87·4	89·5	96·1	81·8	14·3	9·1	154·5	58·4	79·5	2·3	S	S	E	E	63·0
9	·695	·735	·638	·660	·682	83·2	92·7	98·4	90·2	91·1	99·3	81·8	17·5	8·7	155·8	56·5	79·5	2·3	E	W	NW	Calm	75·0
10	·672	·778	·652	·784	·721	82·2	89·2	94·0	78·0	85·8	95·3	80·5	14·8	7·5	149·0	53·7	78·5	2·0	NE	SE	E	W	106·9
11	·772	·833	·730	·805	·785	78·4	87·2	93·7	85·2	86·1	94·9	76·9	18·0	6·0	151·3	56·4	75·6	1·3	E	SE	ESE	ESE	118·5
12	·778	·803	·698	·732	·753	80·2	90·4	95·2	86·2	88·0	97·3	78·7	18·6	11·8	159·3	62·0	75·6	3·1	E	E	ENE	E	87·3
13	·724	·806	·702	·761	·748	83·2	88·2	96·2	86·2	88·4	97·3	78·7	18·6	10·5	157·8	60·5	75·4	3·3	E	E	NE	E	83·3
14	·781	·837	·768	·813	·800	83·2	92·2	97·2	88·7	90·3	98·6	81·8	16·8	9·3	155·8	57·2	79·5	2·3	E	SE	N	SE	71·1
15	·795	·853	·738	·782	·792	83·2	93·2	97·5	89·2	90·8	99·3	81·8	17·5	12·5	158·0	58·7	78·5	3·3	SE	E	SSE	S	113·3
16	·773	·809	·668	·688	·735	82·2	91·2	93·2	85·4	88·0	94·3	80·8	13·5	8·1	163·5	69·2	79·0	1·8	SE	E	N	Calm	133·8
17	660	·668	·560	·594	·620	82·2	92·7	98·2	88·2	90·3	99·9	80·8	19·1	10·7	156·8	56·9	77·5	3·3	Calm	E	W	Calm	33·7
18	·587	·634	·546	·568	·584	85·2	95·2	101·0	90·0	92·8	101·8	83·8	18·0	8·6	158·7	56·9	80·5	3·3	Calm	W	WNW	Calm	65·5
19	·585	·723	·673	·710	·673	87·2	88·8	94·2	86·2	89·1	95·5	84·6	10·9	1·0	146·5	51·0	81·7	2·9	S	SE	SSE	E	142·3
20	·741	·796	·704	·715	·739	76·7	81·2	84·4	82·2	81·1	91·1	74·9	16·2	3·4	152·6	61·5	72·7	2·2	S	E	SE	SE	110·2
21	·715	·748	·661	·688	·703	81·1	87·0	89·4	82·7	85·0	90·9	79·8	11·1	8·7	163·0	72·1	77·5	2·3	Calm	E	SE	E	117·8
22	·672	·733	·626	673	·676	81·2	84·2	87·0	82·4	83·7	88·3	80·4	7·9	0·3	136·0	47·7	78·2	2·2	E	E	SE	ESE	95·2
23	·660	·714	·637	·689	·675	79·4	84·2	91·2	84·2	84·7	92·1	78·9	13·2	4·4	159·4	67·3	76·5	2·4	E	E	SSE	E	100·5
24	·682	·749	·679	·720	·707	80·9	82·2	86·2	81·5	82·7	87·1	79·1	8·0	0	125·3	38·2	77·5	1·6	SE	SSE	SSE	E	120·5
25	·678	·707	·592	·609	·646	80·2	87·5	93·0	86·2	86·7	93·3	79·7	13·6	10·8	154·5	61·2	77·5	2·2	SE	E	Calm	SE	61·1
26	·588	·696	·612	·687	·646	83·0	75·6	82·2	79·5	80·1	83·1	75·9	7·2	0	114·0	30·9	74·6	1·3	S	WNW	Calm	S	66·6
27	·707	·790	·729	·765	·748	78·4	76·5	83·2	81·2	79·8	83·6	73·9	9·7	0	130·0	46·4	73·0	0·9	Calm	NW	Calm	Calm	50·2
28	·733	·784	·700	·700	·729	79·5	87·4	94·2	86·6	86·9	94·5	76·9	17·6	10·9	149·7	55·2	75·6	1·3	E	S	W	Calm	36·8
29	·653	·732	·653	·678	·679	81·2	89·2	93·2	87·2	87·7	95·3	79·7	15·6	6·4	153·2	57·9	76·2	3·5	SW	NW	E	SE	47·6
30	·638	·724	·663	·745	·692	83·6	88·9	93·2	86·2	88·0	94·8	82·1	12·7	0	142·7	47·9	79·9	2·2	S	S	S	SE	76·2
31	·765	·875	·809	·833	·820	78·6	86·0	89·4	82·2	84·1	91·6	77·9	13·7	3·1	148·0	56·4	76·5	1·4	SE	S	SE	E	152·4
Mean	28·713	28·774	28·690	28·730	28·727	81·1	87·6	91·4	84·4	86·1	93·8	79·3	14·5	Total 191·0	149·9	56·1	77·0	2·3	...	...	...	...	90·5

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	78·3	81·5	78·8	78·7	79·3	77·7	·890	·952	·916	·922	·920	·882	75	66	78	81	75	79	*Nil*	0	7	10	4	*b.*	Ck. *c.*	Ck. Pk. *o.*
2	77·1	81·3	78·3	76·3	78·2	76·7	·891	·949	·887	·871	·899	·883	87	66	75	88	79	88	"	6	6	10	8	Cs. *c.*	Pc. *o.* ↗	Pc. *g.* rain 16 to 16½ h.
3	75·7	79·7	80·5	78·6	78·6	75·3	·870	·895	·921	·890	·894	·857	93	66	66	74	75	93	0·51	10	3	10	10	Pc. *o.*	K. Cs. *c. r.*	Pk. *o. r* 16h. to 8 A.M. of 4th.
4	75·2	77·3	79·1	73·4	76·2	74·8	·835	·825	·968	·815	·861	·829	86	66	91	97	85	89	*Nil*	10	10	10	10	Pk. *o. d.* ↗	Pc. Cs. *o.* ↗	Pc. *o. r.*
5	75·2	77·8	80·0	76·8	77·4	72·8	·868	·949	·968	·904	·922	·800	97	98	82	93	92	98	3·90	10	10	8	0	Pc. *r.*	Pc. Ck. *c. r.*	*b.*
6	75·6	82·3	83·6	83·3	81·2	74·9	·874	1·029	1·019	1·102	1·006	·859	95	78	65	88	81	98	0·22	0	0	2	0	*b. r.* 8-10 A.M.	Ck. *c. b.*	*b.*
7	80·3	83·3	84·3	84·7	83·1	80·3	1·010	1·020	1·006	1·161	1·049	1·019	91	67	57	90	76	95	*Nil*	0	0	4	0	*b.*	Ck. Cs. *c. b.*	*b.*
8	81·3	81·3	83·3	82·5	82·1	74·3	1·038	·944	·979	1·032	·998	·748	89	65	59	76	72	69	"	10	4	0	0	Pk. *o.*	Pc. *c. b.*	*b.*
9	78·3	80·3	83·8	85·3	81·9	77·9	·904	·868	·962	1·151	·971	·904	79	56	53	81	67	83	"	2	2	0	0	Pc. *c.*	Cs. *c. b.*	*b.*
10	75·2	79·3	79·6	74·0	77·0	73·9	·781	·868	·817	·787	·813	·749	71	63	51	82	67	72	"	3	4	0	4	Cs. ↗	Cs. *b.* ∞	Pc. *c. lr.*
11	75·2	79·3	80·3	76·9	77·9	71·8	·832	·895	·854	·814	·849	·713	85	69	53	67	68	77	"	10	10	2	0	Pc. *o.*	Pc. Cs. *o. t.*	*b. lr.*
12	77·3	80·3	80·1	81·1	79·7	76·1	·900	·899	·824	·994	·904	·867	87	63	50	80	70	89	"	0	0	1	0	*b.*	K. *c. b.*	*b.*
13	79·3	79·7	82·3	81·3	80·6	73·3	·949	·900	·916	1·004	·942	·749	83	68	53	80	71	76	"	0	5	0	0	*b.*	Pc. Cs. *c.*	*b.*
14	79·3	81·3	80·9	80·0	80·4	78·7	·949	·922	·835	·907	·903	·941	83	61	47	67	64	87	"	0	0	0	0	*b.*	*b.* ↗	*b. lr.*
15	79·0	81·3	81·1	79·3	80·2	78·2	·935	·908	·840	·868	·888	·918	82	58	47	63	62	85	"	0	2	3	0	*b. lr.*	K. *b. c.*	↗
16	78·3	81·3	82·9	82·3	81·2	78·1	·917	·936	·987	1·063	·976	·927	83	63	63	87	74	88	"	0	9	1	0	*b.*	Pc. Cs. *r.* at 11-30 A.M.	Pc. *o. b.*
17	80·3	84·3	83·9	83·3	82·9	79·2	1·009	1·065	·969	1·075	1·029	·977	91	69	53	80	73	93	1·44	2	0	2	0	Ck. *c.*	Pc. *c. b.*	*b.*
18	81·3	83·3	81·3	81·7	81·9	79·7	1·017	·979	·803	·971	·942	·960	83	59	41	69	63	83	*Nil*	0	2	1	0	*b.*	P. *c.*	*b.*
19	77·3	79·3	81·0	79·8	79·3	76·9	·805	·874	·880	·932	·873	·822	62	64	55	74	64	69	2·10	5	10	7	10	Pc. Cs. *c. r. o.*	Pk. ↗ *o.*	Pc. Pk. *o.*
20	75·2	79·3	79·6	79·1	78·3	73·8	·855	·977	·948	·954	·934	·821	93	91	80	87	88	95	*Nil*	10	10	9	0	Pc. *r. t. lr.*	Pk. Pc. *r.*	*b. lr.*
21	79·1	81·3	81·3	80·1	80·4	78·2	·969	·993	·960	·994	·979	·945	91	77	69	89	81	93	"	10	8	6	0	Pk. *o.*	Pk. Pc. *c.*	Cs. *b. lr.*
22	79·3	79·3	80·7	79·3	79·6	78·7	·977	·936	·964	·961	·959	·960	91	79	75	87	83	92	"	10	10	9	0	Pk. *o.*	P. *g.*	*b.*
23	78·0	80·3	83·0	80·9	80·5	77·7	·941	·982	1·019	1·011	·988	·935	93	83	70	86	83	94	"	0	10	7	5	*b.*	Pk. Pc. *g.*	Pk. Pc. *c.*
24	79·3	79·6	81·7	80·3	80·2	77·9	·981	·978	1·023	1·019	1·000	·941	93	89	82	95	90	94	0·05	10	10	9	0	Pk. *r.*	Pk. Pc. *r.*	*b.*
25	78·8	81·9	82·5	81·8	81·2	77·9	·967	1·015	·970	1·027	·995	·933	93	78	62	82	79	92	0·35	10	6	2	0	Pc. *o. r.*	Pk. *c.*	*b. lr.*
26	80·3	74·2	78·0	77·3	77·5	75·0	·999	·828	·903	·909	·910	·857	88	93	82	90	88	95	0·85	10	10	10	2	Pk. *r.* 4-7 h.	Pk. *r.* at 10-11 h.	Pk. *c.*
27	77·3	75·2	79·5	78·5	77·6	73·3	·924	·858	·959	·940	·920	·814	95	94	84	88	90	97	1·30	10	10	10	4	Pk. *o. d. r.*	Pk. *o. r.* 8 to 12 noon.	Pk. *c.*
28	78·3	80·5	84·8	84·3	82·0	75·6	·954	·949	1·070	1·148	1·030	·870	94	72	66	91	81	94	0·55	0	0	0	4	*b.*	*b.*	Pk. *c.*
29	77·3	82·3	85·1	82·0	81·7	76·2	·886	1·011	1·100	1·024	1·005	·858	83	73	71	79	76	85	*Nil*	3	0	4	4	Pc. *o.*	Pc. *c. b.*	Cs. *c.*
30	77·6	80·8	83·1	81·6	80·8	77·4	·867	·943	·996	1·018	·956	·878	75	69	64	82	72	80	"	10	8	7	10	Pc. *o.*	Pc. *o.*	Pc. *c.*
31	76·3	80·1	81·6	78·3	79·1	75·7	·877	·949	·975	·917	·929	·861	90	76	70	83	80	90	"	4	8	6	8	Pc. *c.* ↗	Pc. Cs. *c.*	Pc. *g.*
Mean	77·9	80·3	81·5	80·1	79·9	76·4	·918	·939	·943	·974	·943	·873	86	72	65	82	76	87	Total 11·27	5·00	5·61	4·84	2·68	...	...	...

LAHORE—AUGUST 1890.

DATE.	BAROMETER REDUCED TO 32°.					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.					WIND.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·822	28·769	28·745	28·757	28·773	79·5	85·5	93·2	84·2	85·6	94·3	78·5	15·8	5·9	157·0	62·7	76·6	1·9	E	ESE	NE	E	122·6
2	·725	·820	·785	·840	·792	81·6	79·2	79·2	79·4	79·9	80·3	78·1	2·2	0	92·0	11·7	76·7	1·4	SE	SE	SE	E	153·8
3	·821	·885	·790	·852	·837	78·2	82·2	86·5	82·2	82·3	87·8	76·9	10·9	2·3	149·0	61·2	75·0	1·9	E	E	E	Calm	75·8
4	·840	·889	·810	·839	·845	78·7	82·2	81·2	79·2	80·3	84·5	77·9	6·6	1·0	148·2	63·7	75·6	2·3	E	SE	SE	E	105·2
5	·833	·867	·805	·879	·846	78·2	80·8	84·2	78·2	80·3	85·5	76·9	8·6	0·1	136·2	50·7	75·4	1·5	E	S	N	E	118·4
6	·867	·911	·817	·855	·862	77·9	84·0	79·5	79·3	80·2	85·2	76·7	8·5	0·3	134·5	49·3	75·1	1·6	E	SE	ENE	Calm	60·4
7	·860	·950	·876	·899	·896	77·2	80·9	82·2	79·2	79·9	84·6	76·9	7·7	0·6	134·2	49·6	74·6	2·3	Calm	SE	SE	E	58·7
8	·889	·944	·882	·865	·895	78·2	82·2	76·2	75·6	78·1	84·8	75·9	8·9	0	140·0	55·2	74·6	1·3	Calm	NE	SE	Calm	54·7
9	·860	·897	·788	·849	·849	75·4	86·7	85·2	81·2	82·1	90·3	74·9	15·4	5·1	154·0	63·7	72·0	2·9	E	E	S	SE	38·4
10	·847	·897	·797	·845	·846	79·7	85·2	89·2	83·2	84·3	90·2	78·5	11·7	8·4	156·2	66·0	76·5	2·0	SE	N	Calm	S	80·7
11	·849	·890	·800	·862	·850	81·2	89·8	92·6	84·6	87·0	94·3	80·3	14·0	11·8	166·0	71·7	77·5	2·8	Calm	W	E	Calm	25·7
12	·846	·903	·793	·833	·844	82·2	90·7	95·0	86·2	88·5	95·5	80·8	14·7	12·0	157·0	61·5	77·5	3·3	Calm	W	N	Calm	33·4
13	·819	·865	·802	·820	·826	82·2	88·2	85·9	82·2	84·6	92·3	80·3	12·0	2·9	159·4	67·1	78·5	1·8	Calm	Calm	SE	SE	44·4
14	·824	·872	·839	·914	·862	81·0	86·5	88·2	79·0	83·7	91·3	78·1	13·2	1·4	152·2	60·9	75·6	2·5	E	SE	SE	SE	91·6
15	·876	·950	·843	·864	·883	77·2	84·2	90·2	83·5	83·8	91·3	76·1	15·2	0	131·0	39·7	74·6	1·5	SE	S	Calm	Calm	92·1
16	·858	·906	·790	·799	·838	80·6	87·2	95·2	83·4	86·6	95·5	78·1	17·4	10·0	154·8	59·3	76·5	1·6	E	W	S	Calm	63·4
17	·778	·831	·732	·772	·778	80·4	87·8	93·2	84·2	86·4	94·6	78·9	15·7	9·1	157·2	62·6	75·6	3·3	S	SW	S	Calm	70·8
18	·789	·866	·778	·807	·810	79·2	87·7	91·2	82·2	85·1	92·6	78·9	13·7	6·5	151·5	58·9	76·7	2·2	E	SSE	S	Calm	68·8
19	·788	·881	·822	·867	·840	79·2	87·2	92·4	82·5	85·3	93·3	77·9	15·4	8·7	153·0	59·7	74·6	3·3	SE	NW	Calm	Calm	60·7
20	·863	·982	·901	·946	·923	79·4	85·2	92·2	82·5	84·8	92·8	75·3	17·5	10·2	150·6	57·8	73·6	1·7	Calm	S	NNW	E	42·6
21	·947	·983	·918	·926	·945	79·2	89·2	90·2	81·2	85·0	93·3	77·6	15·7	10·0	157·0	63·7	72·6	5·0	SE	W	N	Calm	78·6
22	·892	·980	·831	·969	·918	77·9	83·2	88·2	70·1	79·8	91·8	76·3	15·5	8·6	156·0	64·2	71·7	4·6	SE	E	N	NW	468
23	·946	·980	·917	·946	·947	70·3	77·2	86·2	75·7	77·3	86·3	68·2	18·1	8·7	148·8	62·5	66·6	1·6	Calm	NW	NNW	Calm	139·0
24	·929	·998	·927	·939	·948	71·1	84·2	90·2	77·2	80·7	90·6	69·9	20·7	11·7	149·7	59·1	64·1	5·8	Calm	NW	W	Calm	44·6
25	·915	·986	·903	·931	·934	72·1	87·2	93·2	79·2	82·9	93·6	70·6	23·0	11·8	152·7	59·1	65·7	4·9	Calm	W	N	Calm	40·6
26	·917	29·007	·932	·961	·954	74·8	88·7	95·8	81·4	85·2	96·3	72·9	23·4	11·4	156·0	59·7	68·6	4·3	SE	W	W	Calm	45·2
27	·914	28·969	·879	·902	·916	77·0	89·7	96·0	80·2	85·7	96·6	74·9	21·7	10·7	153·0	56·4	70·6	4·3	SE	NW	W	Calm	59·0
28	·880	59	·873	·896	·902	78·2	88·2	94·7	82·2	85·8	95·3	75·9	19·4	11·0	152·0	56·7	70·6	5·3	W	W	W	Calm	69·0
29	·882	·939	·831	·862	·878	77·2	87·2	94·2	80·7	84·8	95·3	76·7	18·6	9·9	152·5	57·2	71·9	4·8	Calm	W	SW	Calm	66·2
30	·812	·874	·776	·826	·822	78·2	88·2	92·5	79·7	84·7	95·0	75·5	19·5	8·7	153·0	58·0	70·6	4·9	SE	W	S	E	59·7
31	·836	·928	·865	·926	·889	78·0	87·2	91·0	78·7	83·7	91·4	75·6	15·8	8·3	149·0	57·6	73·6	2·0	SE	NE	Calm	W	97·5
Mean	28·856	28·916	28·834	28·873	28·869	78·1	85·6	89·2	80·6	83·4	91·2	76·5	14·7	Total 207·1	148·8	57·7	73·5	·2.9	...	...	...	...	71·2

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	77·1	80·3	82·3	79·3	79·7	76·1	·900	·965	·957	·936	·940	·869	89	79	61	79	77	89	*Nil*	10	8	4	10	Pc. *o.*	Pk. Pc. Cs. *c.*	Pc. *o.*
2	79·3	77·8	77·3	78·3	78·2	77·0	·972	·935	·913	·955	·944	·915	90	93	91	95	92	95	0·02	10	10	10	10	Pk. *o. r.* 7½—8 h.	Pk. *g. d.*	Pk. *g.*
3	76·8	78·8	80·3	81·0	79·0	75·7	·904	·940	·952	·995	·948	·874	93	85	75	90	86	94	0·23	10	10	6	6	Pk. *r.* 8 h. on 2nd.	Pk. *d.*	Ck. *c.*
4	76·3	78·1	79·3	78·3	78·0	75·7	·875	·908	·977	·958	·930	·861	89	83	91	95	89	90	*Nil*	8	10	10	10	Pk. *g.*	Pk. Pc. *g.*	Pc. *r. g.*
5	77·3	78·3	79·3	77·3	78·0	76·1	·927	·937	·936	·927	·932	·892	95	89	79	95	90	96	3·65	10	10	10	10	Pk. *d. r.*	Fk. P. *g. d.*	Pc. *g.*
6	77·3	81·1	78·3	78·6	78·8	75·7	·930	1·024	·954	·970	·970	·877	98	87	94	97	94	95	0·08	7	8	10	6	Pk./W. c. r. evening.	Pk./S.E. *g.*	Pk./E. *g.*
7	76·7	78·1	79·5	77·8	78·0	75·7	·913	·926	·973	·935	·938	·874	98	88	88	93	92	94	0·08	6	10	10	0	Ck./S. *c.*	Pk./E. *o.*	*b.*
8	77·6	79·3	75·4	75·2	76·9	75·3	·940	·963	·871	·870	·911	·871	98	87	96	98	95	98	0·06	6	10	10	0	Pk./E. *r.* 4-40.	P./E. *c. r.* 11¼-13¼	*b.* ⌓
9	75·2	79·3	78·8	79·3	78·1	74·3	·873	·902	·899	·977	·913	·841	99	70	74	91	83	98	1·28	8	6	9	2	Pk./E. *g.*	Fk./E. Pc./N.E. *c.*	Pk./S. *c.*
10	78·5	80·5	81·8	81·3	80·5	77·5	·960	·979	·987	1·044	·992	·931	94	80	71	91	84	95	*Nil*	10	7	4	0	Pk/S.E. *o.*	P./N. K./E. *g.*	*b.*
11	80·1	81·3	83·3	82·7	81·9	78·7	1·014	·954	1·015	1·093	1·019	·961	96	68	66	91	80	93	,,	0	5	2	0	*b. lr.* ⌓	K./S. Pk./N. *c.*	*b.*
12	80·3	82·3	83·8	83·0	82·3	80·0	1·010	·991	1·008	1·087	1·024	1·015	91	68	61	87	77	97	,,	0	2	4	4	*b.* ⌓	Cs. C./W. *c.*	Pc./S.E. *c. lr.*
13	79·6	83·3	80·3	79·3	80·6	78·9	·978	1·075	·960	·963	·994	·970	89	80	78	87	84	93	0·08	3	10	10	4	*r.* 3¼—3-50″	Pc./S. Pk./N. *g.*	Pc.+/S.E. *c. lr.*
14	79·1	81·8	81·3	77·1	79·8	75·8	·970	1·023	·976	·906	·969	·862	91	81	73	91	84	90	*Nil*	10	10	10	10	Pk. *o. lr.*	Pc./S. *g.*	Pk./S.E. *g.*
15	76·3	79·7	83·1	81·3	80·1	75·6	·896	·955	1·037	1·040	·982	·881	95	81	73	90	85	98	,,	0	10	8	0	*b.* ⌓	Pc./E. C./S. *g.*	*b.*
16	79·1	79·3	82·5	79·6	80·1	76·4	·975	·895	·940	·961	·943	·888	93	69	57	84	76	92	,,	2	3	0	0	Pk./E. *c.*	Ck./W. *c. b.*	*b. lr.*
17	76·1	79·3	82·5	80·6	79·6	75·7	·844	·887	·967	·997	·924	·847	81	67	62	85	74	86	,,	0	0	3	0	*b.*	K./S.E. *b. c.*	*b. lr.*
18	76·9	78·9	80·7	79·1	78·9	75·7	·895	·871	·907	·954	·907	·847	90	66	62	87	76	86	,,	10	4	8	0	Pc. *o.*	Pc. Cs./N. *c.*	Cs./E. Ck./S. *c.*
19	74·7	77·3	80·0	79·0	77·7	74·4	·800	·805	857	·945	·852	·805	80	62	56	85	71	84	,,	0	0	2	0	*b.*	Cs./S. ∞	*b.*
20	75·2	78·3	80·9	78·5	78·2	73·7	·819	·877	·903	·922	·880	·811	81	72	60	83	74	93	0·08	10	0	2	2	Pc./W *o.*	K./S. *b. c.*	Pk./E. *c.*
21	76·8	78·3	78·6	77·7	77·9	74·8	·890	·822	·823	·904	·860	·826	89	59	58	85	73	87	*Nil*	0	4	3	0	*b. lr.*	Cs./S. *c.*	*b.*
22	74·9	74·2	77·9	67·2	73·5	74·6	·826	·726	·818	629	·750	·835	86	63	61	85	74	92	,,	0	3	8	10	*b. lr.*	P./W. Cs./N. *c.*	P. O. *r.* 16¾ to 17·25 & 22-45—3h. ⚡
23	69·2	73·4	76·8	74·0	73·3	66·9	·700	·773	·796	·818	·772	·644	95	83	63	92	83	93	1·82	10	10	0	0	Pk./E. *o. d. l.*	Pc./S. Pk./E. *g.*	*b.* ⌓ *lr.*
24	69·6	75·2	76·3	74·4	73·9	69·3	·705	·754	·720	·815	·748	·709	93	64	50	87	74	97	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.* ⌓
25	70·2	76·3	76·3	76·3	74·8	69·6	·714	·760	·679	·869	·755	·711	90	58	43	87	69	95	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
26	72·5	77·1	78·3	78·1	76·5	71·3	·769	·776	·733	·919	·799	·747	89	57	43	86	69	93	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
27	74·0	78·8	77·5	74·9	76·3	73·3	·801	·838	·694	·795	·782	·800	86	60	41	77	66	93	,,	0	2	2	2	*b.*	Cs./S.E. *c.*	Cs./E. *c.*
28	72·2	76·9	77·0	75·9	75·5	71·6	·711	·774	·689	·811	·746	·718	74	58	43	74	62	80	,,	0	0	0	0	*b.*	*b.*	*b.*
29	73·2	74·7	77·5	75·5	75·2	71·1	·765	·692	·719	·814	·747	·687	82	54	45	77	64	75	,,	0	0	0	0	*b.*	*b.*	*b.*
30	73·0	77·3	79·3	74·2	76·0	72·0	·743	·791	·823	·773	·782	·739	77	59	54	76	67	84	,,	0	0	2	0	*b.*	Pc./S. *b. c.*	*b.*
31	71·2	76·6	77·0	74·2	74·7	69·4	·674	·774	·740	·786	·744	·637	70	60	51	80	65	72	,,	10	7	0	4	Pc./N.W. *o*	Cs Pc./W. *c. b.*	Cs./C. *c.*
Mean	75·7	78·4	79·5	77·7	77·8	74·4	·861	·880	·878	·915	·884	·830	89	72	65	87	78	91	Total 7·38	4·52	5·13	4·74	2·90	...	...	...

LAHORE—SEPTEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·938	29·001	28·930	28·978	28·962	74·9	88·2	94·2	81·6	84·7	95·2	72·9	22·3	10·1	153·6	58·4	68·6	4·3	Calm	SE	NNE	Calm	47·3
2	·957	·016	·955	·974	·975	76·9	90·2	96·7	80·6	86·1	97·7	74·2	23·5	10·8	155·0	57·3	68·6	5·6	Calm	W	W	Calm	45·0
3	·971	·020	·921	·947	·965	77·2	90·2	97·2	80·4	86·2	98·3	75·7	22·6	10·1	153·3	55·0	69·0	6·7	Calm	W	W	Calm	74·0
4	·922	28·966	·883	·891	·915	77·0	90·5	98·2	79·7	86·4	99·6	74·9	24·7	10·5	156·3	56·7	67·4	7·5	SW	W	NW	Calm	56·1
5	·903	·969	·877	·882	·908	73·1	91·2	99·2	79·4	85·7	100·1	71·9	28·2	10·7	156·2	56·1	64·2	7·7	SE	N	SW	Calm	53·1
6	·880	·935	·835	·864	·878	73·1	92·2	98·7	79·2	85·8	99·5	71·9	27·6	10·9	155·2	55·7	64·7	7·2	Calm	W	W	Calm	58·6
7	·866	·959	·867	·898	·898	75·1	91·7	99·5	79·2	86·4	100·6	73·2	27·4	11·0	155·7	55·1	65·3	7·9	Calm	SW	SW	Calm	47·7
8	·902	·962	·881	·908	·913	74·4	94·2	100·7	77·2	86·6	103·0	71·9	31·1	10·7	162·0	59·0	64·9	7·0	W	W	W	Calm	46·8
9	·906	·990	·867	·864	·907	73·0	93·2	99·7	78·2	86·0	102·3	69·2	33·1	10·9	161·0	58·7	61·7	7·5	Calm	W	SE	Calm	27·8
10	·844	·913	·815	·812	·846	71·3	92·5	101·2	82·2	86·8	103·1	69·7	33·4	11·3	159·0	55·9	61·5	8·2	Calm	SSE	S	Calm	36·6
11	·864	·942	·843	·862	·878	76·2	91·7	98·7	80·2	86·7	100·3	73·9	26·4	9·3	154·2	53·9	69·1	4·8	NE	SE	NE	E	124·8
12	·868	·953	·864	·927	·903	74·1	90·4	95·7	76·4	84·2	97·3	72·9	24·4	7·3	152·2	54·9	67·6	5·3	E	NNE	NE	Calm	81·0
13	·905	·970	·877	·919	·918	70·4	87·2	96·9	74·1	82·1	98·5	67·8	30·7	10·3	156·0	57·5	59·9	7·9	Calm	N	NNW	Calm	57·7
14	·924	·988	·869	·863	·911	69·1	90·2	97·2	74·4	82·7	98·3	66·8	31·5	10·7	157·0	58·7	59·5	7·3	Calm	E	NW	Calm	38·9
15	·859	·906	·829	·887	·870	70·9	91·2	97·2	78·2	84·4	98·3	68·8	29·5	10·9	157·0	58·7	59·7	9·1	E	SE	NE	E	54·6
16	·899	·989	·905	29·000	·948	74·9	88·6	95·7	80·0	84·8	98·3	71·7	26·6	10·8	153·5	55·2	66·4	5·3	E	SSW	NE	E	75·8
17	·996	29·079	29·012	·093	29·045	75·9	88·2	94·2	82·2	85·1	95·3	73·7	21·6	10·8	150·5	55·2	68·0	5·7	SE	SE	SE	SE	81·0
18	29·090	·127	·017	·036	·068	73·9	87·8	93·5	79·2	83·6	94·3	71·9	22·4	10·9	153·4	59·1	66·8	5·1	E	SE	N	Calm	110·8
19	28·998	·039	28·911	28·946	28·974	74·1	90·2	95·0	79·2	84·6	97·0	70·9	26·1	10·9	154·8	57·8	65·7	5·2	E	NW	Calm	Calm	26·0
20	·931	28·993	·881	·908	·928	73·1	94·2	99·4	80·4	86·8	100·6	72·4	28·2	10·9	157·5	56·9	65·7	6·7	Calm	Calm	Calm	Calm	26·1
21	·874	·927	·845	·896	·885	73·6	95·2	101·2	78·4	87·1	102·1	71·9	30·2	10·9	158·0	55·9	64·7	7·2	Calm	W	NW	E	35·1
22	·897	·985	·932	29·034	·962	73·3	90·2	96·9	76·6	84·3	100·1	72·4	27·7	8·4	153·8	53·7	64·4	8·0	Calm	S	SE	Calm	55·0
23	29·054	29·159	29·058	·150	29·105	73·1	89·2	96·5	83·2	85·5	99·0	69·9	29·1	10·5	155·0	56·0	61·7	8·2	Calm	SW	Calm	SE	55·7
24	·152	·178	·020	·033	·096	77·5	87·2	94·7	79·2	84·7	95·6	76·0	19·6	5·3	160·2	64·6	68·6	7·4	Calm	E	Calm	Calm	42·0
25	·030	·077	28·932	28·962	·000	74·5	89·2	95·2	80·2	84·8	96·3	73·9	22·4	9·2	152·5	56·2	67·0	6·9	Calm	N	NE	Calm	37·3
26	·019	·083	·979	29·014	·024	72·1	78·2	86·2	73·1	77·4	86·3	68·5	17·8	8·3	152·0	65·7	63·7	4·8	E	SE	SE	Calm	72·8
27	28·999	·050	·924	28·962	28·984	70·3	83·7	90·2	77·2	80·3	91·3	69·9	21·4	10·3	149·2	57·9	65·7	4·2	Calm	E	SE	E	47·8
28	·950	·024	·955	29·037	·992	72·3	89·8	93·8	80·2	84·0	95·9	70·9	25·0	10·3	150·4	54·5	64·7	6·2	Calm	SE	E	E	44·2
29	29·053	·149	29·072	·101	29·094	74·8	87·7	95·2	79·4	84·3	96·3	71·5	24·8	10·3	151·5	55·2	67·8	3·7	Calm	SE	E	Calm	94·5
30	·050	·162	·057	·143	·113	76·6	90·0	94·7	80·2	85·4	96·3	75·9	20·4	10·1	155·0	58·7	71·4	4·5	Calm	SE	E	NW	59·1
Mean	28·951	29·017	28·920	28·960	28·962	73·9	89·8	96·4	79·0	84·8	97·9	71·9	26·0	Total 303·4	155·0	57·1	65·5	6·4	...	...	...	...	57·1

Date.	Temperature of Evaporation.						Computed Vapour Tension.						* Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	72·2	77·3	77·5	76·8	76·0	70·8	·756	·791	·719	·858	·781	·727	87	59	45	80	68	90	*Nil*	8	0	0	0	Cs./W. Pc. *g. b.*	*b.*	*b.*
2	74·2	77·8	77·3	75·6	76·2	73·2	·810	·786	·676	·819	·773	·806	87	55	39	78	65	95	,,	0	0	2	0	*b.*	K./S.W. *b. c.*	*b.*
3	73·2	76·3	77·1	74·2	75·2	72·2	·765	·720	·660	·763	·727	·744	82	50	38	73	61	84	,,	0	0	0	0	*b.*	*b.*	*b.*
4	70·4	76·3	76·5	72·4	73·9	70·1	·656	·716	·620	·698	·672	·673	71	50	34	69	56	78	,,	0	0	0	0	*b.*	*b.*	*b.*
5	69·0	77·3	74·5	71·9	73·2	67·4	·655	·751	·522	·682	·652	·612	81	51	28	68	57	78	,,	0	0	0	0	*b.*	*b.*	*b.*
6	68·7	75·2	77·3	73·2	73·6	67·5	·644	·646	·649	·638	·644	·616	79	43	35	74	58	78	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
7	70·2	76·0	76·3	72·2	73·7	69·8	·674	·687	·594	·697	·663	·684	77	46	31	70	56	83	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
8	69·2	76·3	76·8	70·2	73·1	68·4	·645	·666	·599	·646	·639	·649	75	41	30	69	54	83	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
9	67·2	76·0	78·3	71·2	73·2	65·7	·590	·666	·680	·671	·652	·587	73	43	35	70	55	82	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
10	66·4	76·3	75·2	69·2	71·8	64·8	·584	·689	·524	·540	·584	·549	76	45	26	49	49	75	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
11	64·2	74·2	77·0	69·7	71·3	63·0	·441	·611	·635	·587	·569	·431	49	41	35	57	46	51	,,	0	0	0	0	*b.* ϟ	*b.*	*b.*
12	67·2	77·3	75·4	67·2	71·8	65·8	·575	·761	·607	·544	·622	·541	68	53	35	60	54	67	,,	2	0	0	0	Pc./E. *c. lr.*	*b.*	*b.*
13	63·4	73·2	71·8	66·2	68·6	62·2	·492	·630	·443	·539	·526	·487	66	49	26	63	51	72	,,	0	0	0	0	*b.*	*b.*	*b.*
14	65·2	74·6	71·2	66·4	69·3	64·0	·571	·647	·415	·542	·544	·561	80	46	23	63	53	85	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
15	64·5	74·2	73·2	69·2	70·3	63·0	·523	·618	·495	·594	·558	·500	68	42	28	61	50	71	,,	0	0	0	0	*b.*	*b.*	*b.*
16	69·2	76·3	76·3	71·7	73·4	67·1	·638	·742	·645	·667	·673	·604	73	55	38	65	58	78	,,	0	0	0	0	*b.*	*b.*	*b.*
17	69·9	76·0	76·3	71·7	73·5	69·4	·652	·734	·666	·637	·672	·662	73	55	41	58	57	80	,,	0	0	1	0	*b.*	Pk. *b.*	*b.*
18	69·7	75·2	74·7	72·2	72·9	68·4	·671	·705	·607	·697	·670	·649	80	54	38	70	60	83	,,	0	2	0	0	*b.*	Pc. *c. b.*	*b.*
19	69·2	74·7	76·3	72·7	73·2	68·9	·649	·652	·655	·718	·669	·681	76	46	40	72	58	90	,,	0	2	2	0	*b.*	Pc. K./N.	*b.*
20	69·2	75·8	74·4	72·4	73·0	68·9	·662	·645	·515	·689	·628	·661	81	40	27	66	53	83	,,	0	0	0	0	*b.*	*b.*	*b.*
21	68·4	76·3	74·2	69·4	72·1	67·7	·626	·652	·483	·599	·590	·623	75	39	24	61	50	80	,,	0	0	0	0	*b.*	*b.*	*b.*
22	64·4	73·7	75·2	67·6	70·2	64·0	·487	·610	·582	·556	·559	·485	58	43	33	61	49	60	,,	0	0	0	0	*b.*	*b.*	*b.*
23	65·3	72·2	75·5	73·0	71·5	63·6	·521	·562	·600	·675	·589	·505	64	41	34	60	50	69	,,	0	0	0	1	*b.*	*b.*	Cs./E. *b.* ϟ
24	72·5	74·7	75·7	70·7	73·4	70·9	·732	·692	·633	·639	·674	·689	77	54	39	64	59	77	,,	10	6	0	0	Pc./S E. *ϕ.*	Pc./N.E. *c. g.*	*b.*
25	70·2	75·2	75·5	72·2	73·3	69·9	·682	·686	·618	·684	·668	·679	80	50	37	66	58	81	,,	0	0	0	0	*b.*	*b.*	*b.*
26	66·0	72·2	72·2	71·0	70·4	65·3	·559	·711	·603	·732	·651	·583	71	74	48	90	71	84	0·25	4	4	0	0	Pc./N.E. *r.* < ϟ	P./N.W. *c. b.*	*b.*
27	68·2	75·2	76·0	72·2	72·9	67·7	·663	·761	·707	·724	·714	·650	90	65	50	77	70	89	*Nil*	2	3	0	0	Pc./N. *c.*	C./N. *c. b.*	*b.*
28	70·6	76·8	77·5	73·4	74·6	69·5	·727	·747	·724	·733	·733	·704	92	53	45	71	65	93	,,	0	0	0	0	*b.*	*b.*	*b.*
29	71·4	78·3	75·7	73·9	74·8	69·9	·725	·843	·626	·764	·739	·711	84	64	38	76	66	93	,,	0	0	0	0	*b.*	*b.*	*b.*
30	73·2	78·3	77·3	70·6	74·9	72·3	·773	·812	·703	·621	·727	·746	84	57	43	60	61	84	,,	0	0	0	6	*b.*	*b.*	Pc./N. *b.* ϟ (@ 22 h.
Mean	68·8	75·6	75·6	71·3	72·8	67·7	·638	·698	·607	·665	·652	·627	76	50	35	67	57	80	Total 0·25	0·87	0·57	0·17	0·23	...	...	...

LAHORE—OCTOBER 1890.

Days.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·126	29·183	29·106	29·128	29·136	71·1	88·7	91·8	77·2	82·2	92·3	70·1	22·2	10·1	150·0	57·7	64·1	6·0	Calm	SE	E	Calm	112·2
2	·106	·167	·049	·072	·098	71·6	90·8	95·2	78·4	84·0	97·3	69·9	27·4	9·7	152·0	54·7	63·7	6·2	Calm	SE	Calm	E	32·2
3	·056	·089	28·990	·012	·037	70·1	91·2	96·8	75·1	83·3	100·2	69·1	31·1	9·8	153·0	52·8	62·7	6·4	ESE	SE	Calm	Calm	47·2
4	28·978	·031	·954	28·995	28·990	71·3	88·8	97·0	77·0	83·5	98·6	68·4	30·2	9·9	154·5	55·9	62·0	6·4	Calm	E	WNW	Calm	44·2
5	·974	·032	·964	29·034	29·001	69·7	89·2	90·4	75·1	81·1	97·1	67·9	29·2	9·2	155·2	58·1	59·7	8·2	Calm	N	Calm	E	24·9
6	29·024	·112	29·041	·086	·066	68·4	87·2	93·2	73·5	80·6	95·6	65·5	30·1	10·1	152·0	56·4	56·9	8·6	Calm	N	Calm	Calm	31·7
7	·078	·140	·045	·054	·079	67·1	89·4	96·8	73·1	81·6	98·7	65·0	33·7	10·1	153·0	54·3	56·2	8·8	Calm	W	E	Calm	17·0
8	·043	·116	·027	·064	·062	65·1	90·2	95·4	71·1	80·5	99·1	63·8	35·3	10·0	155·5	56·4	55·1	8·7	Calm	ENE	Calm	Calm	24·0
9	·058	·119	·049	·083	·077	63·8	88·6	94·6	73·1	80·0	98·3	62·0	36·3	10·0	155·0	56·7	52·8	9·2	Calm	SE	E	Calm	32·3
10	·073	·124	·017	·044	·064	65·7	88·2	93·7	72·7	80·1	97·5	64·0	33·5	9·8	154·0	56·5	54·8	9·2	Calm	Calm	Calm	Calm	18·3
11	·024	·082	28·977	·041	·031	65·1	89·0	93·4	75·5	80·7	97·3	63·5	33·8	9·9	153·0	55·7	54·6	8·9	E	SSE	Calm	E	21·4
12	·070	·187	29·092	·131	·120	70·5	90·2	90·8	70·9	80·6	93·0	67·4	25·6	9·7	148·5	55·5	58·7	8·7	ESE	E	Calm	Calm	98·6
13	·108	·152	·040	·047	·087	64·2	85·2	90·4	71·1	77·7	93·6	60·1	33·5	9·7	148·0	54·4	52·8	7·3	Calm	Calm	Calm	Calm	27·0
14	·015	·053	28·967	28·990	·006	65·5	87·2	89·7	70·5	78·2	93·3	63·2	30·1	9·7	150·3	57·0	55·6	7·6	Calm	ESE	Calm	Calm	24·3
15	28·963	·083	29·047	29·132	·056	61·2	86·2	89·4	66·1	75·7	92·3	59·2	33·1	9·7	147·7	55·4	54·8	4·4	Calm	Calm	Calm	Calm	18·7
16	29·141	·249	·177	·227	·199	59·2	85·2	89·2	67·5	75·3	92·3	58·0	34·3	9·7	143·6	51·3	48·8	9·2	Calm	SW	Calm	Calm	15·9
17	·216	·289	·155	·172	·208	60·4	82·4	89·4	68·1	75·1	92·9	57·8	35·1	9·8	148·0	55·1	49·9	7·9	Calm	N	Calm	SE	22·3
18	·125	·149	·019	·045	·084	61·0	84·0	90·0	73·1	77·0	94·0	59·1	34·9	9·7	151·7	57·7	50·2	8·9	Calm	S	Calm	E	42·7
19	·037	·089	28·997	·089	·053	65·7	79·2	88·2	74·1	76·8	90·5	65·0	25·5	5·0	152·0	61·5	59·9	5·1	E	E	E	SE	93·3
20	·130	·276	29·179	·261	·212	68·1	75·7	72·1	65·6	70·4	82·8	66·5	16·3	4·8	148·0	65·2	57·9	8·6	SSE	E	SSE	NE	144·0
21	·275	·335	·266	·322	·300	61·7	76·7	81·9	68·1	72·1	82·5	60·0	22·5	9·4	136·0	53·5	55·3	4·7	E	E	E	N	136·2
22	·295	·365	·260	·289	·302	62·5	78·2	83·2	64·0	72·0	85·3	60·9	24·4	9·5	140·0	54·7	54·8	6·1	N	N	N	Calm	87·0
23	·241	·325	·223	·257	·261	55·6	74·1	84·0	57·4	67·8	85·1	52·5	32·6	9·6	142·0	56·9	42·9	9·6	Calm	NW	N	Calm	42·8
24	·234	·308	·225	·271	·260	52·2	73·6	83·2	57·9	66·7	84·7	48·0	36·7	9·9	144·2	59·5	38·4	9·6	Calm	N	Calm	SSE	27·2
25	·243	·324	·245	·265	·269	53·4	76·2	85·2	58·2	68·3	88·1	51·0	37·1	10·0	147·0	58·9	39·6	11·4	Calm	N	N	Calm	29·3
26	·232	·308	·213	·235	·247	52·2	75·1	87·2	59·2	68·4	88·6	49·7	38·9	9·9	146·7	58·1	39·1	10·6	Calm	W	N	Calm	28·9
27	·206	·290	·219	·262	·244	51·0	77·2	86·9	58·8	68·5	88·3	49·3	39·0	9·9	146·2	57·9	39·6	9·7	Calm	W	SW	Calm	18·3
28	·258	·336	·259	·294	·287	52·2	76·2	85·7	59·2	68·3	87·5	50·3	37·2	9·8	146·0	58·5	41·7	8·6	Calm	S	Calm	Calm	13·8
29	·277	·329	·229	·244	·270	51·2	75·1	86·2	57·2	67·4	86·5	48·7	37·8	10·1	145·0	58·5	38·9	9·8	Calm	WSW	W	Calm	17·0
30	·221	·286	·185	·214	·226	50·0	74·1	85·7	57·7	66·9	86·6	46·6	40·0	10·4	143·5	56·9	36·6	10·0	Calm	W	NW	Calm	25·5
31	·198	·282	·200	·242	·231	49·2	72·9	83·6	56·2	65·5	85·8	46·3	39·5	10·3	144·0	58·2	35·5	10·8	Calm	SSW	SW	Calm	17·3
Mean	29·130	29·200	29·110	29·148	29·147	61·8	82·8	89·0	67·8	75·4	91·8	59·6	32·2	Total 295·2	148·6	56·8	51·4	8·2	...	...	...	...	43·1

LAHORE—OCTOBER 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	66·2	73·0	74·2	71·2	71·2	64·8	·580	·601	·609	·684	·618	·543	76	45	41	73	59	74	*Nil*	2	0	0	0	Pc./N *c.*	*b.*	*b.*
2	68·2	73·2	74·2	71·0	71·6	66·9	·645	·581	·564	·660	·612	·621	83	40	34	68	56	85	”	0	0	0	0	*b.*	*b.*	*b.*
3	68·0	73·2	71·2	66·2	69·6	66·9	·659	·576	·421	·526	·545	·631	90	39	24	60	53	89	”	0	0	0	0	*b.*	*b.*	*b.*
4	64·9	72·7	72·2	68·0	69·4	62·2	·531	·588	·457	·566	·535	·478	69	44	26	61	50	69	”	0	0	0	0	*b.*	*b.*	*b. lr.* 20h. on S.E.
5	65·2	72·2	71·8	65·6	68·7	64·6	·563	·562	·530	·505	·540	·566	77	41	37	58	53	83	”	0	0	4	0	*b.*	Cs./W. *b. c.*	*b.*
6	62·2	71·2	74·2	65·2	68·2	61·8	·478	·550	·591	·512	·533	·504	69	42	38	62	53	80	”	0	0	0	0	*b.*	*b.*	*b.*
7	62·2	70·2	70·0	62·2	66·1	61·2	·496	·481	·375	·415	·442	·491	74	35	21	51	45	79	”	0	0	0	0	*b.*	*b.*	*b.*
8	60·2	70·2	73·2	64·0	66·9	60·0	·458	·471	·520	·503	·488	·469	73	33	31	66	51	79	”	0	0	0	0	*b.*	*b.*	*b.*
9	60·4	70·2	74·2	64·7	67·4	60·2	·481	·492	·571	·500	·511	·499	81	36	35	61	53	90	”	0	0	0	0	*b.*	*b.*	*b.*
10	60·7	68·2	74·0	64·5	66·8	60·0	·466	·423	·575	·499	·471	·466	73	32	37	61	51	78	”	0	0	0	0	*b.*	*b.*	*b.*
11	60·5	67·2	71·7	61·7	65·3	59·6	·467	·375	·487	·367	·424	·460	76	27	32	42	44	78	”	0	0	0	0	*b.*	*b.*	*b.*
12	59·2	67·7	67·6	61·2	63·9	57·3	·354	·377	·366	·412	·377	·338	47	27	26	54	38	50	”	0	0	0	0	*b. lr.*	*b.* ↗	*b.*
13	58·0	66·2	72·0	63·2	64·8	56·3	·401	·390	·538	·476	·451	·404	67	32	37	62	50	77	”	0	0	0	0	*b.*	*b.*	*b.*
14	59·8	67·2	70·7	61·2	64·7	58·8	·440	·399	·497	·417	·438	·439	70	31	36	56	48	75	”	0	0	0	0	*b.*	*b.*	*b.*
15	57·8	67·7	70·0	60·7	64·0	56·9	·435	·431	·474	·461	·450	·434	80	35	34	71	55	86	”	0	0	0	0	*b.*	*b.*	*b.*
16	55·7	66·2	69·8	61·0	63·2	55·1	·399	·390	·469	·451	·427	·397	79	32	34	67	53	81	”	0	0	0	0	*b.*	*b.*	*b.*
17	56·2	65·2	71·2	60·2	63·2	54·1	·398	·393	·520	·418	·432	·371	75	36	38	60	52	77	”	0	0	0	0	*b.*	*b.*	*b.*
18	56·1	64·2	68·7	60·4	62·3	55·1	·387	·337	·417	·358	·375	·383	71	28	29	44	43	76	”	0	0	0	0	*b.*	*b.*	*b.*
19	58·0	64·2	68·2	61·0	62·8	57·9	·381	·401	·423	·364	·392	·388	60	40	32	43	44	63	”	2	9	2	10	Pc./E. *c.* ↗	Pc./S. *o.*	Pc. *o.* 16·45h. ↗
20	60·2	63·2	68·0	61·2	63·1	59·0	·418	·414	·632	·483	·487	·401	60	46	81	76	66	62	0·05	9	6	9	2	Pk./S. *t.r.* 3h. ↗ <	Pk/S.E. Pc. *c. r.* 14-16h. ↗	Pc./W. *c. lr.* on W.
21	58·2	65·2	66·9	62·6	63·2	56·8	·441	·469	·460	·496	·466	·421	80	51	42	72	61	81	0·07	0	0	0	3	*b.* ↗	*b.*	Cs./S. *c.*
22	58·2	63·7	64·4	58·4	61·2	56·4	·430	·398	·355	·416	·400	·397	76	41	31	70	55	74	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
23	53·1	60·2	60·2	52·3	56·5	51·1	·373	·338	·206	·326	·311	·359	84	40	17	69	52	90	”	0	5	2	0	*b.* ⌓	Cs. *c.*	*b.*
24	48·1	58·2	62·2	53·3	55·4	45·7	·283	·283	·281	·347	·299	·278	73	34	25	72	51	83	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
25	49·0	60·2	60·2	52·1	55·4	47·6	·290	·310	·190	·310	·275	·286	70	34	15	64	46	76	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
26	47·5	59·0	61·0	52·3	54·9	46·4	·268	·287	·188	·302	·261	·273	68	33	15	60	44	76	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
27	47·3	61·2	63·6	53·3	56·3	47·1	·279	·329	·278	·335	·305	·296	74	35	22	67	49	84	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
28	48·9	60·2	63·2	52·3	56·2	47·7	·304	·310	·281	·302	·299	·298	77	34	23	59	48	82	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
29	48·3	59·2	61·2	52·3	55·2	46·8	·301	·293	·209	·329	·283	·296	80	33	16	69	50	85	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
30	46·8	57·7	59·7	51·3	53·9	44·8	·279	·260	·168	·294	·250	·274	78	31	14	61	46	86	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
31	45·4	56·2	61·4	51·3	53·6	44·6	·255	·231	·250	·314	·262	·274	72	29	22	69	48	87	”	0	0	0	0	*b.* ⌓	*b.*	*b.*
Mean	57·1	65·6	68·1	60·2	62·7	55·9	·417	·411	·416	·431	·419	·411	74	36	39	62	51	79	Total 0·12	0·42	0·65	0·55	0·48	...	...	...

LAHORE—NOVEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.					Wind.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·225	29·308	29·207	29·224	29·241	49·4	72·1	82·4	55·4	64·8	85·1	46·9	38·2	10·3	142·0	56·9	35·8	11·1	Calm	Calm	SW	Calm	16·9
2	·190	·230	·174	·214	·202	47·2	74·1	80·6	56·4	64·6	83·0	46·3	36·7	10·3	140·7	57·7	35·4	10·9	Calm	SSE	Calm	Calm	14·5
3	·200	·282	·239	·286	·252	49·8	75·1	80·9	56·5	65·6	83·1	46·4	36·7	10·3	138·2	55·1	36·9	9·5	Calm	S	Calm	Calm	16·1
4	·277	·374	·287	·324	·315	50·2	75·9	79·2	55·2	65·1	83·3	47·9	35·4	10·2	138·0	54·7	37·9	10·0	Calm	E	Calm	Calm	18·4
5	·324	·380	·279	·286	·317	48·2	74·1	80·2	56·2	64·7	82·7	45·1	37·6	10·2	139·4	56·7	35·8	9·3	S	SW	Calm	Calm	21·1
6	·264	·321	·216	·229	·258	48·6	70·1	72·1	58·9	62·4	79·0	46·1	32·9	2·9	130·7	51·7	35·8	10·3	Calm	NW	Calm	Calm	18·0
7	·220	·307	·226	·281	·258	50·2	71·3	78·2	53·6	63·3	81·9	48·0	33·9	8·6	135·7	53·8	38·3	9·7	Calm	S	Calm	Calm	7·2
8	·289	·393	·319	·381	·345	48·7	75·1	81·0	53·7	64·6	83·1	45·1	38·0	10·1	138·2	55·1	34·8	10·3	Calm	N	Calm	Calm	36·6
9	·353	·419	·301	·325	·350	48·5	72·3	82·4	55·2	64·7	84·7	44·9	39·8	10·2	140·0	55·3	35·6	9·3	Calm	N	NW	Calm	34·1
10	·252	·310	·215	·269	·261	48·2	72·1	80·2	54·4	63·7	84·1	44·1	40·0	10·2	138·0	53·9	32·8	11·3	Calm	NW	Calm	Calm	32·6
11	·248	·343	·243	·289	·281	46·8	73·1	78·7	53·2	62·9	83·3	45·3	38·0	10·1	139·7	56·4	34·6	10·7	Calm	SE	Calm	Calm	12·1
12	·262	·334	·237	·252	·271	48·2	69·1	82·2	52·4	63·0	83·4	44·1	39·3	10·0	138·0	54·6	34·4	9·7	Calm	W	NW	Calm	30·1
13	·237	·315	·210	·262	·256	45·1	67·1	77·4	51·8	60·4	81·8	42·1	39·7	10·0	137·3	55·5	32·6	9·5	Calm	WSW	Calm	Calm	21·7
14	·277	·378	·282	·314	·313	43·6	69·1	75·9	51·2	60·0	80·3	41·9	38·4	10·0	136·0	55·7	32·0	9·9	Calm	N	Calm	Calm	27·2
15	·277	·308	·224	·273	·270	44·3	67·6	76·7	49·4	59·5	80·8	40·1	40·7	9·3	139·2	58·4	28·8	11·3	Calm	NW	Calm	Calm	28·3
16	·274	·353	·297	·341	·316	42·7	67·1	74·5	52·5	59·2	78·3	40·8	37·5	8·4	137·5	59·2	28·8	12·0	Calm	Calm	Calm	Calm	16·6
17	·317	·348	·298	·337	·325	50·2	67·6	70·1	57·9	61·5	75·4	47·3	28·1	2·3	122·0	46·6	37·9	9·4	Calm	E	Calm	Calm	17·3
18	·305	·390	·321	·365	·345	49·0	62·2	64·2	54·0	57·4	65·5	47·1	18·4	0·7	83·0	17·5	38·6	8·5	Calm	SSE	N	Calm	22·1
19	·321	·401	·325	·364	·353	51·5	66·4	76·7	54·6	62·3	78·3	50·0	28·3	8·6	130·2	51·9	42·9	7·1	Calm	W	N	Calm	33·2
20	·349	·418	·319	·354	·360	49·0	71·1	73·3	59·2	63·1	79·3	46·7	32·6	6·1	133·0	53·7	38·3	8·4	Calm	NE	Calm	Calm	16·0
21	·338	·435	·349	·391	·378	53·0	65·1	76·2	58·0	63·1	79·6	49·0	30·6	7·8	136·2	56·6	40·1	8·9	Calm	S	Calm	Calm	10·3
22	·388	·461	·375	·421	·411	51·2	68·1	73·5	57·7	62·6	78·3	48·0	30·3	5·2	132·9	54·6	39·9	8·1	Calm	Calm	Calm	Calm	12·2
23	·404	·479	·391	·402	·419	51·4	67·8	74·3	64·7	64·5	77·9	48·3	29·6	5·4	136·0	58·1	40·2	8·1	Calm	Calm	Calm	E	12·6
24	·375	·419	·347	·371	·378	58·6	66·1	71·1	64·6	65·1	75·6	56·4	19·2	0·4	128·0	52·4	48·8	7·6	Calm	Calm	Calm	NE	22·5
25	·351	·401	·383	·389	·381	64·2	71·5	60·2	60·2	64·0	72·5	62·0	10·5	0·7	123·0	50·5	54·8	7·2	E	E	E	E	86·0
26	·315	·406	·329	·363	·353	59·2	64·2	65·0	60·7	62·3	68·3	57·0	11·3	0·6	123·5	55·2	52·2	4·8	N	N	N	N	109·2
27	·324	·427	·359	·365	·369	59·7	66·6	69·4	59·6	63·8	73·5	57·0	16·5	1·4	134·0	60·5	52·0	5·0	N	N	NW	NW	87·7
28	·314	·393	·297	·328	·333	53·6	65·1	69·1	58·2	61·5	73·1	52·0	21·1	4·3	130·0	56·9	44·9	7·1	Calm	NE	Calm	Calm	51·1
29	·313	·368	·312	·317	·328	54·4	67·1	73·1	65·1	64·9	76·3	51·5	24·8	8·6	131·0	54·7	43·9	7·6	Calm	Calm	Calm	SE	14·2
30	·291	·341	·223	·228	·271	60·2	63·2	63·4	57·4	61·0	67·7	58·1	9·6	0	120·4	52·7	51·8	6·3	E	E	NE	N	35·4
Mean	29·296	29·368	29·286	29·318	29·317	50·8	69·2	74·7	56·6	62·9	78·6	48·2	30·5	Total 203·2	132·4	53·8	39·2	9·0	...	...	...	...	29·4

LAHORE—NOVEMBER 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches	Cloud.				Cloud and Weather Initials.		
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	46·3	56·2	62·2	50·6	53·8	44·1	·274	·242	·291	·307	·278	·254	78	30	26	69	51	79	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
2	45·2	57·2	61·4	51·0	53·7	44·9	·276	·246	·290	·304	·279	·281	85	29	28	67	52	90	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
3	46·8	59·6	60·2	50·6	54·3	44·7	·282	·306	·247	·292	·282	·275	79	35	24	63	50	87	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
4	47·1	58·8	59·7	49·5	53·8	46·1	·284	·270	·255	·280	·275	·289	78	31	26	64	50	87	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
5	44·7	56·2	59·4	49·7	52·5	42·9	·251	·216	·232	·272	·243	·248	74	25	22	60	45	82	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
6	44·7	55·3	59·4	52·3	52·9	43·9	·244	·242	·340	·306	·283	·259	71	33	43	61	52	83	„	0	8	10	4	$\frac{\text{Pc. Cs.}}{\text{S.W.}}$ *b. c.*	$\frac{\text{Pc. Cs.}}{\text{W.}}$ *g.*	$\frac{\text{Pc.}}{\text{W.}}$ *c.*
7	46·8	57·2	60·5	49·5	53·5	46·1	·276	·283	·293	·301	·288	·287	75	37	30	73	54	86	„	4	4	2	0	Cs. *c.*	$\frac{\text{Cs.}}{\text{W.}}$ *c.*	*b.*
8	45·4	57·2	59·0	47·8	52·4	43·6	·262	·232	·208	·256	·240	·265	76	26	20	61	46	88	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
9	44·4	56·2	59·2	47·5	51·8	42·3	·240	·240	·196	·228	·225	·237	71	30	18	51	42	79	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
10	42·2	55·3	61·2	48·1	51·7	41·1	·191	·216	·289	·254	·237	·220	56	27	28	60	43	76	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
11	44·7	55·3	61·2	50·3	52·9	43·4	·269	·202	·309	·327	·277	·258	84	24	31	80	55	85	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
12	44·4	57·2	59·2	46·5	51·8	42·7	·244	·312	·199	·240	·249	·257	72	43	18	60	48	89	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
13	41·2	53·3	59·4	47·1	50·3	40·4	·208	·225	·269	·263	·241	·230	68	33	28	67	49	85	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
14	41·6	56·2	61·2	45·8	51·2	40·4	·238	·282	·346	·238	·276	·233	84	39	39	63	56	87	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
15	40·4	54·3	58·2	44·2	49·3	39·1	·201	·247	·241	·223	·228	·227	69	36	26	63	48	91	„	0	2	0	0	*b.* ⌓	Cs. *b.*	*b.*
16	39·4	53·3	57·5	46·3	49·1	38·1	·199	·225	·249	·234	·227	·195	73	33	29	59	48	76	„	0	7	6	2	*b.* ⌓	$\frac{\text{Pc.}}{\text{N.}}$ $\frac{\text{Cs.}}{\text{W.}}$ *c.*	$\frac{\text{Cs.}}{\text{W.}}$ *c.*
17	46·7	54·5	55·9	51·5	52·2	45·2	·274	·253	·260	·297	·271	·275	75	37	36	61	52	85	„	10	8	10	10	$\frac{\text{Pc.}}{\text{W.}}$ *o.*	$\frac{\text{Pc.}}{\text{W.}}$ *o.*	$\frac{\text{Pc.}}{\text{W.}}$ *o.*
18	45·6	54·8	54·3	50·3	51·3	45·1	·262	·333	·292	·317	·301	275	75	59	48	76	65	85	„	2	10	6	2	$\frac{\text{Cs.}}{\text{W.}}$ $\frac{\text{Pc.}}{\text{S.W.}}$	$\frac{\text{Pc.}}{\text{S.}}$ $\frac{\text{Ck.}}{\text{N.}}$ *c.*	$\frac{\text{Cs.}}{\text{W.}}$ *c.*
19	49·7	58·7	61·4	51·3	55·3	48·7	·334	·393	·341	·336	·351	·328	88	61	37	78	66	91	„	2	3	0	0	Cs. *c.* ⌓	Cs. *c. b.*	*b.*
20	47·5	59·2	62·2	55·7	56·1	45·4	·310	·346	·413	·399	·367	·288	89	45	51	79	66	90	„	0	4	10	8	*b.* ⌓	$\frac{\text{C.}}{\text{W.}}$ $\frac{\text{Pc.}}{\text{W.}}$ *o.*	$\frac{\text{Pc.}}{\text{S.W.}}$ *g.*
21	50·0	59·2	62·0	54·3	56·4	48·0	·322	·426	·367	·374	·372	·323	80	68	41	77	67	93	„	0	5	2	0	*b.* ⌓	$\frac{\text{Pc.}}{\text{W.}}$ $\frac{\text{Ck.}}{\text{N.W.}}$ *c.*	*b.*
22	48·3	59·0	61·6	53·9	55·7	47·1	·301	·380	·391	·367	·360	·313	80	56	47	77	65	93	„	0	8	6	6	*b.* ⌓	$\frac{\text{Cs.}}{\text{W.}}$ Pc. *g.*	$\frac{\text{Cs.}}{\text{W.}}$ *c.*
23	49·3	57·7	60·0	55·3	55·6	47·1	·325	·345	·329	·314	328	·309	86	51	39	51	57	91	„	0	8	10	10	*b.* ⌓	$\frac{\text{Pc.}}{\text{W.}}$ Cs. *c.*	Pc. *o.*
24	53·7	59·2	62·2	58·6	58·4	53·1	·350	·413	·442	·414	·405	·361	70	64	57	68	65	79	„	10	10	10	10	$\frac{\text{Pc.}}{\text{W.}}$ *o.*	$\frac{\text{Pc.}}{\text{S.W.}}$ *g.*	$\frac{\text{Pc.}}{\text{S.W.}}$ *o.*
25	57·4	61·8	58·7	58·2	59·0	57·1	·383	·424	·476	·461	·436	·403	64	55	91	88	74	72	„	10	8	10	10	$\frac{\text{Pc.}}{\text{S.}}$ *o.*	$\frac{\text{Pc. Cs.}}{\text{S.W.}}$ *g.*	$\frac{\text{Pc.}}{\text{S.}}$ Pk. *d.*
26	56·6	59·7	60·2	58·1	58·7	56·1	·425	·454	·459	·450	·447	·440	85	76	74	85	80	95	0·43	10	10	10	10	Pk. *o. r.* 12 h. to 18h. on 25th	Pc. Cs. *g.*	$\frac{\text{Pc.}}{\text{S.}}$ *o.*
27	56·5	60·7	62·2	56·8	59·0	56·1	·416	·454	·465	·426	·440	·440	81	69	64	83	74	95	*Nil*	10	9	10	4	$\frac{\text{Pc.}}{\text{S.}}$ *o.*	$\frac{\text{Pc.}}{\text{N.}}$ Cs. *g.*	$\frac{\text{Pc.}}{\text{W.}}$ *c.*
28	52·7	59·2	62·4	56·4	57·7	51·9	·388	·426	·475	·433	·430	·386	94	68	66	89	79	99	„	4	6	9	10	$\frac{\text{Cs.}}{\text{S.W.}}$ *c.*	$\frac{\text{Cs.}}{\text{S.}}$ Pc. *g.*	$\frac{\text{Cs. Pc.}}{\text{S.}}$ *o.*
29	53·3	60·7	65·2	60·0	59·8	51·1	·394	·447	·517	·452	·452	·372	93	67	63	73	74	97	„	4	3	8	10	$\frac{\text{Cs.}}{\text{S.}}$ *c.* Ⓣ	$\frac{\text{Cs.}}{\text{SW.}}$ *c.*	$\frac{\text{Cs. Pc. Fk.}}{\text{W.S.W.}}$
30	58·0	60·2	61·0	56·2	58·8	56·7	·454	·483	·506	·437	·470	·443	87	83	86	93	87	91	0·07	8	10	7	10	$\frac{\text{Pc}}{\text{S.}}$ *g.*	$\frac{\text{Pk.}}{\text{S.}}$ Pc. *c.*	$\frac{\text{Pc.}}{\text{S.}}$ $\frac{\text{Pk.}}{\text{S.}}$ *c. r.* @ 20h.
Mean	47·7	57·4	60·3	51·8	54·3	46·4	·296	·319	·333	·327	·319	·299	78	46	41	70	59	87	Total 0·50	2·47	4·10	4·20	3·53	...	...	...

LAHORE—DECEMBER 1890.

Date.	BAROMETER REDUCED TO 32°.					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.					WIND.				
																			Direction.				Velocity.
	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade	Nocturnal on woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·236	29·291	29·196	29·222	29·236	56·4	65·5	68·1	57·2	61·8	70·3	55·0	15·3	7·6	124·0	53·7	49·8	5·2	Calm	SE	Calm	Calm	86·5
2	·202	·319	·243	·297	·265	53·0	65·6	68·9	59·6	61·8	72·0	52·0	20·0	8·1	127·2	55·3	45·1	6·9	Calm	WNW	Calm	Calm	22·2
3	·276	·338	·255	·292	·290	57·0	65·1	66·9	59·2	62·0	70·5	53·5	17·0	3·9	130·5	60·0	47·8	5·7	N	N	NNW	NW	49·4
4	·265	·375	·307	·363	·327	53·6	63·2	70·1	53·7	60·1	71·8	49·8	22·0	8·9	124·8	53·0	41·9	7·9	Calm	Calm	NW	Calm	19·5
5	·331	·399	·298	·311	·335	52·6	63·0	67·3	56·5	59·8	70·1	50·3	19·8	2·9	128·5	58·4	42·9	7·4	Calm	N	NNW	NW	23·6
6	·291	·348	·256	·270	·291	50·4	62·5	68·6	52·0	58·4	71·5	45·9	25·6	9·0	122·4	50·9	37·9	8·0	N	NE	Calm	Calm	30·2
7	·252	·355	·277	·285	·292	46·2	63·0	57·2	53·2	54·9	68·1	44·9	23·2	4·8	131·0	62·9	37·7	7·2	Calm	NNW	Calm	Calm	34·6
8	·284	·385	·299	·339	·327	51·2	60·2	67·3	57·2	59·0	69·8	49·7	20·1	8·6	121·3	51·5	42·2	7·5	NW	N	N	N	39·4
9	·295	·364	·263	·291	·303	52·2	64·2	69·1	54·2	59·9	71·5	49·8	21·7	9·2	123·0	51·5	43·7	6·1	Calm	N	NW	Calm	40·2
10	·281	·377	·273	·271	·300	47·8	61·4	69·1	49·4	56·9	71·5	44·3	27·2	9·3	121·8	50·3	37·1	7·2	Calm	N	NW	Calm	42·0
11	·198	·263	·179	·227	·217	45·2	58·2	66·1	48·0	54·4	69·3	42·7	26·6	8·3	121·0	51·7	35·8	6·9	Calm	N	Calm	Calm	21·8
12	·224	·300	·237	·307	·267	42·7	61·2	68·3	48·2	55·1	71·3	40·1	31·2	8·9	123·2	51·9	31·6	8·5	Calm	S	Calm	Calm	13·3
13	·294	·355	·240	·242	·283	41·9	59·2	64·2	48·5	53·5	69·3	38·7	30·6	7·5	122·7	53·4	30·8	7·9	Calm	N	Calm	Calm	21·9
14	·198	·281	·228	·340	·262	46·7	57·2	61·2	51·8	54·2	65·7	45·1	20·6	1·9	125·0	59·3	36·9	8·2	Calm	Calm	Calm	Calm	16·6
15	·344	·415	·346	·339	·361	45·8	52·2	55·4	50·8	51·1	57·0	42·7	14·3	0	68·8	11·8	36·0	6·7	Calm	E	Calm	NNW	25·7
16	·287	·323	·222	·241	·268	50·0	52·2	53·4	51·7	51·8	55·3	49·0	6·3	0	58·0	2·7	42·2	6·8	NE	E	NE	NE	70·1
17	·309	·454	·390	·403	·389	53·2	55·7	59·2	51·4	54·9	61·6	51·2	10·4	3·2	118·0	56·4	47·5	3·7	ESE	E	E	Calm	78·7
18	·353	·421	·357	·406	·384	49·8	58·2	61·2	53·7	55·7	62·1	48·2	13·9	3·1	113·0	50·9	44·1	4·1	Calm	NNW	Calm	Calm	20·9
19	·368	·455	·371	·379	·393	50·2	57·2	63·2	55·6	56·6	65·9	48·3	17·6	5·3	128·0	62·1	42·9	5·4	SW	N	Calm	Calm	19·1
20	·350	·371	·303	·321	·336	55·0	56·2	55·2	54·4	55·2	58·1	54·0	4·1	0	71·0	12·9	50·3	3·7	E	Calm	E	Calm	28·3
21	·356	·412	·325	·396	·372	54·2	59·2	63·0	52·2	57·1	64·8	52·2	12·6	7·0	122·5	57·7	48·8	3·4	Calm	W	NW	Calm	32·3
22	·385	·449	·367	·399	·400	49·7	57·2	62·2	49·4	54·6	64·1	44·9	19·2	9·0	114·5	50·4	36·9	8·0	N	NW	W	W	58·1
23	·333	·374	·351	·399	·364	43·8	54·7	59·2	52·0	52·4	63·1	40·3	22·8	3·8	118·2	55·1	34·1	6·2	Calm	Calm	Calm	SW	27·9
24	·377	·507	·479	·369	·433	47·2	51·6	58·4	49·0	51·6	60·3	45·1	15·2	1·8	114·2	53·9	40·4	4·7	Calm	SE	Calm	Calm	30·1
25	·339	·293	·187	·318	·284	50·2	59·2	57·2	46·0	53·2	59·3	46·7	12·6	0·8	95·0	35·7	39·7	7·0	SE	SE	SW	Calm	60·9
26	·370	·482	·368	·390	·402	40·1	44·5	55·2	43·3	45·8	57·1	37·4	19·7	6·6	107·8	50·7	32·0	5·4	Calm	N	NW	Calm	76·3
27	·363	·419	·359	·380	·380	40·3	49·2	55·0	48·0	48·1	56·5	38·2	18·3	2·0	112·0	55·5	32·8	5·4	Calm	NW	Calm	Calm	38·6
28	·363	·454	·355	·410	·396	42·3	52·2	59·4	50·7	51·1	62·6	38·2	24·4	7·2	115·8	53·2	31·6	6·6	SW	N	Calm	Calm	23·1
29	·351	·383	·326	·420	·370	48·0	54·2	60·2	53·7	54·0	63·6	45·1	18·5	3·7	114·0	50·4	37·9	7·2	Calm	N	Calm	Calm	14·5
30	·410	·453	·372	·386	·405	47·2	52·4	60·7	48·7	52·7	62·1	44·6	17·5	1·5	107·2	45·1	37·9	6·7	N	W	NNW	Calm	39·8
31	·350	·421	·381	·420	·393	44·6	56·2	65·4	48·0	53·5	67·3	42·1	25·2	9·1	117·8	50·5	35·8	6·3	Calm	NW	NW	Calm	59·1
Mean	29·311	29·382	29·304	29·337	29·333	48·7	57·8	62·4	51·8	55·2	65·3	46·1	19·1	Total 163·0	114·3	49·0	39·7	6·4	...	...	...	...	37·6

	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.							CLOUD.				CLOUD AND WEATHER INITIALS.		
DATE.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	Rainfall, inches.	4 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	55·1	60·2	62·2	55·5	58·2	54·1	·418	·453	·482	·419	·443	·409	94	72	70	89	81	94	0·16	10	4	5	0	Pk./S.	Cs. C./W.	b.
2	52·0	60·0	63·2	57·2	58·1	51·1	·376	·445	·505	·438	·441	·365	93	71	71	85	80	93	Nil	4	3	6	2	Pc./S. Cs. ≡	C. Cs./S. c.	Cs./S. c.
3	55·1	60·2	60·2	56·8	58·1	52·7	·411	·458	·434	·431	·433	·389	87	73	65	85	78	95	,,	10	10	10	5	Cs./S. Ⓣ	Pc./S.W. Cs./S.W. g.	Pk./S. c.
4	52·5	58·0	59·8	52·6	55·7	49·5	·382	·414	·378	·384	·390	·351	93	71	52	94	78	98	,,	10	0	0	0	Pc./S. o.	b.	b.
5	51·3	59·0	60·4	54·0	56·2	49·9	·363	·448	·435	·386	·408	·355	91	78	64	84	79	97	,,	7	9	9	0	Cs. c. Ⓣ	Pc./S.W. Cs. o.	b. ⌓
6	49·5	56·2	57·2	49·3	53·1	45·5	·343	·370	·319	·317	·337	·301	94	65	45	81	71	97	,,	0	0	2	0	b. ⌓	Cs./S.W. b. c.	b. ⌓.
7	45·2	55·3	55·3	51·7	51·9	44·2	·289	·337	·414	·366	·352	·282	92	58	88	90	82	94	,,	2	6	10	2	Cs./S. C./E. ⌓	Pc. Ck/S. r.	Pc./S. c.
8	50·6	56·5	60·2	55·3	55·6	49·3	·362	·409	·429	·414	·404	·347	95	78	64	88	81	96	0·17	10	5	5	0	Pk./S. o.	Pk./S. Cs. K. c	b. ⌓
9	50·3	57·9	59·9	52·1	55·0	49·3	·340	·398	·394	·363	·374	·346	87	66	55	87	74	96	Nil	0	0	0	0	b. ⌓	b.	b.
10	46·8	53·6	55·8	47·3	50·9	44·1	·308	·310	·271	·300	·297	·287	93	57	38	85	71	98	,,	0	0	0	0	b. ⌓	b.	b.
11	43·9	51·8	56·1	46·0	49·5	42·1	·271	·301	·319	·285	·294	·261	90	61	49	85	71	95	,,	2	3	0	0	Cs. c.	Cs. C./S.W. b.	b. ⌓
12	41·9	52·8	55·8	45·8	49·1	39·8	·257	·290	·281	·278	·276	·243	94	53	41	82	67	97	,,	0	0	0	0	b.	b.	b.
13	40·6	52·1	56·0	46·3	48·8	38·4	·237	·297	·341	·286	·290	·230	90	59	57	84	72	97	,,	0	0	9	0	b. ⌓	Cs./W. o.	b.
14	45·4	50·1	53·5	48·5	49·4	44·3	·288	·269	·309	·299	·291	·282	90	58	57	77	70	93	,,	10	10	6	6	Pc. o. g.	Pc. g.	Pc. c.
15	44·4	49·1	52·6	49·8	49·0	42·2	·275	·309	·361	·346	·323	·263	89	79	82	93	86	96	,,	0	10	10	10	b. ⌓	Pc. g. d.	Pc. Pk./S.W.
16	48·9	51·3	53·1	51·3	51·1	48·1	·333	·367	·401	·374	·369	·325	93	93	98	97	95	94	0·30	10	10	10	10	Pk. o. d.	Pk./S. Pc./N. o.	Pk. r.
17	52·3	54·3	55·6	50·3	53·1	51·1	·382	·405	·396	·352	·384	·375	94	91	79	93	89	99	1·00	10	10	10	4	Pc. g.	Pk. P. o.	Pk. c.
18	49·3	56·2	57·5	52·7	53·9	48·1	·346	·427	·426	·387	·396	·336	96	88	78	94	89	99	Nil	0	8	10	7	≡	Pc. Cs./E. c.	Pc./E. c.
19	49·6	56·1	58·2	54·5	54·6	48·1	·349	·437	·421	·412	·405	·335	96	94	72	94	89	98	,,	5	10	4	10	Pc. c. ≡	Pk./W. P. g.	Pc. o.
20	54·3	55·3	54·5	54·0	54·5	53·9	·414	·427	·417	·413	·418	·417	95	94	95	97	95	99	0·15	10	10	10	10	Pc. Pk. o. r.	Pc. Pk./S.W. r.	Pc. o.
21	53·3	55·8	56·2	50·8	54·0	52·2	·397	·402	·363	·355	·379	·392	94	79	63	90	81	100	0·18	10	7	0	2	Pk. b.	Pk. Cs. c.	Pc./W. c.
22	48·9	54·1	54·0	47·3	51·1	44·7	·337	·379	·310	·300	·331	·294	94	81	55	85	79	98	Nil	0	0	0	0	b. ⌓	b.	b.
23	43·4	50·8	54·3	49·8	49·6	40·1	·277	·322	·359	·330	·322	·246	97	75	71	85	82	98	,,	0	8	10	10	b.	Pc. Pk./W. g.	Pc. g.
24	46·3	50·3	53·1	47·8	49·4	44·9	·304	·349	·335	·318	·326	·296	94	91	68	91	86	98	,,	10	10	8	10	Pc. g. ⌓	Pc. Cs./W. Ck. g.	Pc. o Ⓣ
25	49·5	54·0	56·1	45·2	51·2	46·3	·346	·350	·437	·292	·356	·310	95	69	94	94	88	97	0·01	10	10	10	0	Pk. o.	Pc./S.W. g. d. ↯	Pc. b.
26	39·2	44·4	48·8	42·2	43·7	37·3	·229	·292	·262	·256	·260	·222	92	99	59	91	85	92	0·26	0	8	2	0	Pk. b. ≡	Pk. Cs. ↯	b. ⌓
27	39·7	46·9	50·1	46·5	45·8	38·1	·238	·292	·299	·298	·282	·230	95	83	68	89	84	99	Nil	10	8	8	10	Pc. Cs. o.	Pc./W.	Pc. o.
28	41·1	48·3	54·3	49·6	48·3	38·1	·243	·288	·356	·342	·307	·230	90	73	70	93	81	99	,,	0	3	10	10	b. ⌓	Pc. c.	Pk./W. Pc. o.
29	47·3	51·3	54·7	52·3	51·4	44·6	·318	·341	·357	·375	·348	·289	95	81	68	90	83	96	,,	5	3	10	0	Pc./W. c.	Fk. Pk. g.	Pc. r. b.
30	46·6	50·3	55·1	47·8	50·0	44·4	·311	·338	·361	·322	·333	·291	96	86	68	93	86	98	0·02	2	8	5	0	Cs. c.	Pc. Cs. c.	b. ⌓
31	44·4	54·3	55·1	46·2	50·0	42·1	·291	·398	·299	·290	·320	·269	98	87	48	87	80	100	Nil	0	0	0	0	b. ⌓	b.	b.
Mean	47·7	53·8	56·1	50·2	51·9	45·8	·324	·365	·370	·346	·351	·309	93	76	66	89	81	97	Total 2·32	4·74	5·58	5·77	3·48	...	...	...

NAGPUR—

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·971	28·823	74·0	83·7	84·8	56·3	28·5	9·4	140·5	55·7	40·9	15·4	NNW	N	ENE	NNW	100
2	29·022	·901	70·5	82·5	83·4	52·4	31·0	9·5	138·6	55·2	37·1	15·3	N	NE	NNE	ESE	88
3	·045	·890	72·3	85·4	86·5	52·2	34·3	9·6	141·9	55·4	34·9	17·3	N	N	NW	N	84
4	·019	·873	71·0	82·8	86·3	50·7	35·6	9·5	137·7	51·4	33·9	16·8	N	NNE	NNE	...	98*
5	·005	·862	69·2	79·2	80·5	51·0	29·5	9·2	135·2	54·7	37·5	13·5	...	N	NE	ESE	77†
6	.065	·934	70·4	80·9	81·8	52·8	29·0	9·2	138·2	56·4	41·2	11·6	N	NE	E	Calm	102
7	·080	·937	71·7	80·8	82·8	52·3	30·5	9·3	139·2	56·4	39·1	13·2	N	NE	NE	Calm	49
8	·039	·884	74·0	83·8	85·2	53·2	32·0	9·3	140·4	55·2	37·5	15·7	N	NNE	ENE	SSW	68
9	·039	·909	72·2	84·9	85·3	52·4	32·9	9·4	142·6	57·3	38·3	14·1	N	NE	E	ESE	63
10	28·996	·850	71·0	84·5	86·2	54·2	32·0	9·4	142·0	55·8	39·9	14·3	N	NNE	NE	SE	71
11	·990	·860	72·5	84·9	86·5	53·5	33·0	9·4	140·7	54·2	40·9	12·6	NNE	E	SSW	SW	78
12	·988	·864	74·7	85·0	86·2	54·5	31·7	9·3	141·9	55·7	40·4	14·1	NNE	NE	ESE	S	76
13	29·013	·868	77·6	85·0	86·6	54·8	31·8	9·5	142·2	55·6	41·1	13·7	N	N	ENE	WSW	88
14	·008	·861	77·0	85·9	86·6	57·4	29·2	9·4	143·2	56·6	44·5	12·9	N	NE	ESE	N	89
15	·015	·871	75·6	84·2	85·6	55·7	29·9	9·5	140·6	55·0	40·9	14·8	NNW	NE	NE	E	83
16	·047	·877	73·4	83·4	84·9	56·5	28·4	9·3	139·2	54·3	40·7	15·8	NNE	E	SE	SE	75
17	·029	·881	74·4	80·7	85·3	55·3	30·0	9·2	137·4	52·1	41·6	13·7	NNE	NNE	SSE	Calm	84
18	·046	·896	74·0	84·2	86·0	56·9	29·1	8·9	138·4	52·4	46·2	10·7	NNE	ENE	SSW	S	60
19	28·976	·818	76·7	88·2	90·6	60·3	30·3	9·2	143·4	52·8	48·2	12·1	WSW	NNW	WNW	N	103
20	·962	·815	75·4	86·7	87·4	56·8	30·6	9·3	142·2	54·8	43·4	13·4	NNE	NNE	NNW	NNE	92
21	·962	·858	76·0	87·2	87·6	57·3	30·3	9·2	143·1	55·5	43·4	13·9	N	ENE	SSW	Calm	58
22	·971	·808	75·4	89·8	91·4	55·3	36·1	9·5	146·0	54·6	42·2	13·1	NNW	N	SSW	SSE	56
23	·914	.741	76·4	87·0	88·9	56·3	32·6	9·2	143·0	54·1	39·7	16·6	N	NNW	W	NW	144
24	·852	·746	74·6	80·4	82·2	56·4	25·8	8·9	138·4	56·2	44·2	12·2	WSW	NNW	N	NNE	144
25	·950	·834	69·4	78·2	79·2	55·3	23·9	9·5	140·1	60·9	39·1	16·2	NNE	NNE	NNW	NE	118
26	·982	·855	69·2	77·2	79·0	49·2	29·8	9·1	139·4	60·4	33·5	15·7	NNE	NE	N	ESE	103
27	·964	·842	66·6	77·5	79·5	46·3	33·2	9·3	137·9	58·4	31·5	14·8	N	E	N	N	98
28	29·004	·889	68·9	78·8	80·0	48·1	31·9	9·4	138·4	58·4	31·9	16·2	NNE	NE	E	ESE	120
29	·069	·932	68·7	78·2	79·3	50·2	29·1	9·2	138·4	59·1	29·9	20·3	NNE	ENE	ENE	ENE	137
30	·078	·944	66·6	79·2	80·6	48·8	31·8	9·4	142·1	61·5	33·1	15·7	NNE	NNE	NW	ESE	92
31	·089	·933	70·4	81·6	82·5	49·4	33·1	9·4	141·2	58·7	33·9	15·5	N	ENE	NW	NE	100
Mean	29·006	28·866	72·6	83·0	84·5	53·6	30·9	Total 288·9	140·4	56·0	39·1	14·6	...	...	...	...	91‡

* Total miles for 21 hours.

† Total miles for 17 hours.

‡ Mean of 30·6 days.

JANUARY 1890.

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	57·9	60·4	48·9	·282	·236	·256	34	21	56	*Nil*	0	0	*b.*	*b.*
2	55·9	60·9	45·9	·268	·268	·230	36	24	58	"	0	0	*b.*⌓	*b.*
3	56·1	60·9	45·1	·252	·231	·214	32	19	55	"	0	0	*b.*⌓	*b.*
4	54·1	60·0	43·9	·212	·236	·204	27	21	55	"	0	0	*b.*⌓	*b.*
5	56·9	61·1	43·3	·312	·315	·186	43	32	50	"	0	0	*b.*⌓	*b.*
6	57·9	59·9	46·3	·327	·256	·234	44	24	58	"	0	0	*b.*⌓	*b.*
7	57·2	59·9	46·1	·290	·257	·236	37	24	61	"	0	0	*b.*⌓	*b.*
8	57·9	61·4	45·9	·282	·266	·220	34	22	54	"	0	0	*b.*⌓	*b.*
9	57·9	61·7	47·1	·304	·262	·259	38	22	66	"	0	0	*b.*⌓	*b.*
10	59·7	61·9	48·7	·374	·273	·276	49	23	66	"	0	0	*b.*⌓	*b.*
11	59·5	64·7	48·0	·349	·360	·268	44	30	65	"	0	0	*b.*⌓	*b.*
12	61·2	62·9	49·7	·374	·299	·298	43	25	70	"	0	0	*b.*⌓	*b.*
13	61·9	63·1	48·3	·359	·305	·259	38	25	60	"	0	0	*b.*⌓	*b.*
14	61·0	63·1	49·6	·339	·294	·260	36	23	55	"	0	0	*b.*	*b.*
15	60·9	63·2	49·0	·353	·319	·265	40	27	61	"	0	0	*b.*⌓	*b.*
16	59·7	64·3	49·0	·344	·366	·256	43	32	56	"	0	0	*b.*⌓	*b.*
17	60·7	63·7	49·9	·362	·381	·294	43	36	66	"	0	0	*b.*⌓	*b.*
18	63·0	66·1	52·0	·440	·417	·329	52	35	70	"	3	3	C. *c.*	C. *c.*
19	64·1	67·4	55·1	·443	·412	·371	48	30	72	"	0	0	*b.*	*b.*
20	58·7	62·9	49·9	·288	·277	·276	33	22	59	"	0	0	*b.*	*b.*
21	60·9	65·1	50·7	·348	·345	·290	39	27	62	"	0	0	*b.*	*b.*
22	61·2	65·1	49·5	·365	·312	·282	42	22	65	"	0	0	*b.*	*b.*
23	62·5	66·0	47·2	·393	·378	·213	43	29	47	"	0	0	*b.*	*b.*
24	61·7	62·9	50·1	·390	·356	·285	45	34	62	"	0	3	*b.*	Pc. K. *c.*
25	56·2	58·2	48·9	·289	·239	·268	41	24	61	"	0	0	*b.*	*b.*
26	53·9	57·9	42·9	·227	·243	·200	32	26	57	"	1	3	C. *b.*	C. *c.*
27	51·9	57·5	40·2	·206	·227	·176	32	24	56	"	0	0	*b.*	*b.*
28	52·8	57·9	39·9	·202	·222	·149	29	22	45	"	0	0	*b.*	*b.*
29	54·9	55·3	41·4	·261	·156	·153	37	15	42	"	0	0	*b.*	*b.*
30	50·9	55·9	39·1	·180	·160	·120	28	16	36	"	0	0	*b.*	*b.*
31	55·9	58·7	41·1	·269	·212	·156	36	20	45	"	0	0	*b.*	*b.*
Mean	58·2	61·6	46·9	·312	·286	·241	39	25	58	Total *Nil*	0·1	0·3	...	...

NAGPUR—FEBRUARY 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·105	28·971	72·3	82·0	83·2	51·3	31·9	9·4	141·1	57·9	34·5	16·8	Record not available.				
2	·110	·976	73·7	84·0	86·2	53·2	33·0	9·4	141·6	55·4	38·7	14·5					
3	·103	·946	75·5	87·0	88·2	56·3	31·9	9·4	142·4	54·2	45·4	10·9					
4	·041	·884	73·9	87·2	87·5	57·3	30·2	9·3	145·0	57·5	45·6	11·7					
5	·043	·886	74·9	87·0	88·4	56·4	32·0	9·4	144·7	56·3	42·4	14·0					
6	·036	·908	76·0	89·2	90·7	57·3	33·4	9·4	150·1	59·4	45·2	12·1					
7	·036	·857	78·2	89·2	90·9	61·5	29·4	9·4	144·9	54·0	50·1	11·4					
8	·008	·869	80·8	89·2	91·6	64·0	27·6	8·7	145·4	53·8	52·9	11·1					
9	·053	·923	80·4	90·5	92·4	65·5	26·9	9·3	146·4	54·0	54·2	11·3					
10	·082	·925	79·2	90·4	91·2	64·2	27·0	9·5	147·4	56·2	51·3	12·9					
11	·090	·958	76·4	87·2	88·5	57·3	31·2	9·6	146·6	58·1	42·9	14·4					
12	·037	·890	78·4	89·2	90·3	57·3	33·0	9·6	148·4	58·1	41·4	15·9					
13	28·989	·820	79·0	91·0	92·3	58·1	34·2	9·5	148·1	55·8	43·5	14·6					
14	·948	·777	80·8	93·6	94·5	60·8	33·7	9·6	147·4	52·9	46·7	14·1					
15	·898	·734	81·0	93·2	94·3	61·9	32·4	9·3	150·4	56·1	49·4	12·5					
16	·800	·624	82·2	90·5	96·5	61·7	34·8	9·3	152·6	56·1	48·3	12·4					
17	·818	·701	83·9	92·2	94·0	63·9	30·1	9·1	151·4	57·4	47·9	16·0					
18	·921	·777	83·0	91·2	93·6	63·7	29·9	9·1	152·2	58·6	47·7	16·0					
19	·909	·757	82·7	94·4	96·7	64·3	32·4	9·0	152·6	55·9	50·4	13·9					
20	·966	·831	82·2	92·7	95·2	62·0	33·2	9·2	153·7	58·5	48·7	13·3					
21	29·017	·845	81·6	89·3	95·2	61·6	33·6	9·3	Instrument broken.	?	48·4	13·2					
22	·001	·828	81·6	93·2	94·7	62·0	32·7	9·4		?	47·9	14·1					
23	28·979	·854	81·2	88·4	95·5	63·5	32·0	9·2		?	49·1	14·4					
24	·971	·819	81·2	92·8	95·0	63·8	31·2	9·2		?	48·1	15·7					
25	·943	·811	82·2	90·7	91·7	69·7	22·0	9·1		?	50·1	19·6					
26	·918	·784	83·4	92·9	94·8	65·5	29·3	8·7		?	51·2	14·3					
27	·968	·796	82·5	93·4	95·2	66·2	29·0	9·3		?	49·7	16·5					
28	·958	·786	84·4	92·4	95·2	61·6	33·6	9·0		?	49·1	12·5					
Mean	28·991	28·841	79·7	90·1	92·3	61·1	31·1	Total 259·7	147·6	56·3	47·2	13·9	...	...	...	...	...

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	53·9	58·2	42·9	·191	·191	·175	24	17	47	*Nil*	0	0	*b.*	*b.*
2	57·1	59·4	45·9	·263	·203	·221	32	17	54	"	0	0	*b.*	*b.*
3	59·7	63·9	47·9	·318	·310	·232	36	24	51	"	0	0	*b.*	*b.*
4	56·3	62·3	48·9	·237	·251	·243	28	19	51	"	0	0	*b.*	*b.*
5	56·1	62·9	46·1	·219	·276	·185	25	22	41	"	0	0	*b.*	*b.*
6	62·7	66·7	50·6	·405	·375	·288	45	27	62	"	0	3	*b.*	Ck. *c.*
7	58·9	65·9	51·0	·261	·350	·246	26	25	45	"	0	3	*b.*	Ck. *c.*
8	62·5	67·2	53·4	·338	·393	·279	32	28	47	"	0	5	•	Pc. K. *c.*
9	64·7	68·5	55·9	·417	·423	·331	41	30	53	"	0	4	*b.*	Pc. K. *c.*
10	59·6	63·5	54·6	·269	·251	·310	27	18	52	"	0	0	*b.*	*b.*
11	56·2	59·4	47·9	·203	·163	·219	22	12	46	"	0	0	*b.*	*b.*
12	56·4	62·5	45·1	·184	·234	·151	18	17	32	"	0	0	*b.*	*b.*
13	59·1	61·9	47·3	·255	·194	·194	25	13	40	"	0	0	*b.*	*b.*
14	60·9	65·9	49·7	·289	·295	·221	27	19	42	"	0	0	*b.*	*b.*
15	62·5	66·4	53·9	·338	·314	·320	32	19	57	"	0	0	*b.*	*b.*
16	62·4	64·9	53·1	·318	·299	·300	28	21	54	"	2	1	C. *c.*	C. *c.*
17	64·1	66·1	52·9	·352	·317	·268	30	21	45	"	0	0	*b.*	*b.*
18	62·9	64·9	52·4	·326	·290	·256	29	19	43	"	0	1	*b.*	C. *b.*
19	62·9	64·9	53·9	·330	·250	·289	29	15	47	"	0	0	*b.*	*b.*
20	60·9	62·9	50·0	·273	·204	·214	24	13	38	"	0	0	*b.*	*b.*
21	60·9	64·2	51·0	·281	·289	·245	26	21	45	"	0	0	*b.*	*b.*
22	59·9	65·1	51·1	·250	·270	·239	23	17	43	"	0	0	*b.*	*b.*
23	59·3	65·0	51·1	·233	·326	·220	21	24	37	"	0	0	*b.*	*b.*
24	60·9	65·3	51·4	·285	·282	·227	26	18	37	"	2	4	C. *c.*	C. *c.*
25	61·5	65·2	55·6	·290	·304	·270	27	21	38	"	1	0	Pc. *c.*	*b.*
26	64·9	68·1	54·9	·388	·378	·303	34	24	48	"	0	6	*b.*	Pc. K. *c.*
27	62·3	66·2	53·3	·311	·305	·248	28	19	38	"	0	0	*b.*	*b.*
28	60·4	65·9	50·2	·228	·309	·225	19	20	40	"	0	4	*b.*	Pc. K. *c.*
Mean	60·4	64·4	50·8	·288	·287	·247	28	20	46	Total *Nil*	0·2	1·1	...	...

NAGPUR—MARCH 1890.

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.					WIND.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·900	28·722	84·4	95·2	96·7	66·7	30·0	8·1	Instrument broken.	?	56·6	10·1	...	...	S	SSW	155*
2	·961	·794	84·1	92·2	94·3	70·6	23·7	9·1		?	61·6	9·0	E	SE	S	SE	255
3	·986	·816	81·3	90·2	91·9	69·7	22·2	7·2		?	63·3	6·4	E	SSE	SSW	SSE	229
4	·987	·819	83·2	91·0	94·2	72·1	22·1	8·0		?	62·0	10·1	N	S	SW	S	213
5	·976	·834	82·1	85·3	88·7	68·2	20·5	7·8		?	62·0	6·2	NNW	NE	E	ENE	92
6	·989	·842	79·9	87·2	89·2	64·4	24·8	8·7	154·8	65·6	58·3	6·1	NE	NE	ENE	ENE	135
7	·931	·784	83·2	80·2	89·8	63·4	26·4	5·7	151·8	62·0	52·1	11·3	ENE	ESE	SW	E	161
8	·874	·717	79·0	91·2	92·4	65·5	26·9	7·9	149·8	57·4	60·8	4·7	ESE	ESE	SSW	SSE	204
9	·845	·725	78·4	89·2	91·6	65·7	25·9	7·8	152·8	61·2	59·0	6·7	ENE	SSE	S	NE	141
10	·883	·717	82·0	91·2	94·5	67·0	27·5	8·7	159·0	64·5	59·8	7·2	NE	ESE	W	WNW	143
11	·817	·660	82·8	93·4	97·2	66·2	31·0	9·5	156·6	59·4	54·4	11·8	N	NW	SW	W	138
12	·810	·685	87·2	93·2	96·4	65·0	31·4	6·6	156·8	60·4	54·9	10·1	NNW	N	W	NW	129
13	·830	·681	85·2	94·1	96·5	74·9	21·6	6·2	167·1	70·6	65·0	9·9	NE	ENE	NW	N	130
14	·822	·641	87·4	94·5	97·8	65·2	32·6	9·2	155·8	58·0	54·7	10·5	NNE	W	NW	NNW	180
15	·785	·651	87·4	94·8	96·4	67·4	29·0	9·9	156·3	59·9	54·1	13·3	NNW	NNW	WSW	NNW	172
16	·833	·677	88·2	95·0	98·8	66·3	32·5	9·6	156·8	58·0	53·2	13·1	NW	NNW	WSW	WNW	148
17	·803	·671	86·2	95·5	98·2	69·2	29·0	9·0	158·3	60·1	56·8	12·4	NNW	NE	N	Calm	85
18	·789	·649	85·9	97·2	98·7	70·3	28·4	8·8	157·0	58·3	57·8	12·5	NNE	NNW	E	SSW	91
19	·826	·680	91·8	97·2	100·5	74·7	25·8	8·7	164·0	63·5	64·3	10·4	WNW	NNE	W	S	94
20	·838	·674	92·4	99·2	101·2	78·3	22·9	8·5	162·8	61·6	67·8	10·5	WSW	SSW	WSW	SSW	207
21	·821	·659	91·0	99·2	102·0	75·9	26·1	8·2	157·8	55·8	68·2	7·7	WNW	NW	WSW	WNW	173
22	·790	·644	93·4	100·8	103·2	73·7	29·5	9·6	159·6	56·4	62·1	11·6	NNW	NNW	WSW	NNW	150
23	·795	·657	93·9	102·2	105·2	74·9	30·3	9·7	158·2	53·0	64·0	10·9	N	W	SSW	WNW	131
24	·821	·654	93·4	101·4	105·2	75·3	29·9	9·4	169·8	64·6	64·3	11·0	NNW	N	W	NW	136
25	·837	·668	91·2	101·5	104·6	73·1	31·5	9·3	162·0	57·4	63·0	10·1	NNW	N	WNW	NNW	152
26	·815	·656	91·9	101·0	103·9	72·1	31·8	9·5	166·5	62·6	60·0	12·1	NNW	N	WSW	NW	148
27	·841	·697	92·6	101·3	103·2	72·3	30·9	9·8	161·0	57·8	64·8	7·5	NNW	N	W	WNW	164
28	·844	·713	92·7	99·7	103·6	78·0	25·6	9·4	161·8	58·2	67·5	10·5	NW	N	W	NW	169
29	·884	·725	94·7	100·2	104·2	74·9	29·3	8·3	161·8	57·6	65·3	9·6	NNW	NNE	W	NW	126
30	·859	·728	93·5	101·6	103·6	73·1	30·5	8·5	171·6	68·0	63·3	9·8	ESE	NNW	W	NNW	116
31	·880	·721	95·2	103·0	106·0	75·8	30·2	9·9	163·0	57·0	62·4	13·4	NNW	N	W	NW	207
Mean	28·860	28·708	87·6	95·4	98·4	70·6	27·7	Total 266·6	159·7	60·3	60·7	9·9	...	...	...	...	156†

* Total miles for 14 hours.

† Mean of 30·6 days.

DATE.	TEMPERATURE OF EVAPORATION.			COMPUTED VAPOUR TENSION.			RELATIVE HUMIDITY.			Rainfall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	64·2	66·7	54·1	·350	·300	·265	30	17	40	*Nil*	1	6	C. Pc. *c.*	Pc. K. Pk. *c.*
2	64·6	65·2	58·8	·369	·286	·352	31	19	47	„	2	3	Pc. *c.*	Pc. K. *c.*
3	63·4	66·3	58·8	·661	·349	·362	33	24	49	„	3	4	Pc. *c.*	C. P. *c.*
4	67·3	68·7	63·6	·471	·424	·484	41	29	61	„	5	6	Pc. K. *c.*	Pc. K. Pk. *c.*
5	67·9	69·9	64·8	·507	·539	·571	46	44	82	0·22	5	8	Pc. K. *c.*	Pc. K. Pk. *c.t.l.d.*
6	68·1	67·3	60·1	·541	·421	·469	54	32	79	*Nil*	6	4	C. Pc. *c.*	C. Pc. K. *c.*
7	62·9	64·1	52·9	·322	·399	·273	28	39	46	0·03	1	10	Pc. *c.*	P. Pk. *o. t. l. d.*
8	69·1	64·4	62·9	·588	·272	·543	59	18	86	*Nil*	5	6	Pc. K. *c.*	Pc. K. *c.*
9	68·0	67·9	60·8	·555	·418	·473	56	30	74	„	6	5	Pc. K. *c.*	Pc. K. *c.*
10	69·2	69·2	63·2	·555	·439	·534	51	30	82	„	2	5	C. Pc. K. *c.*	Pc. K. *c.*
11	68·3	64·9	57·0	·512	·261	·353	45	16	55	„	2	1	Pc. K. *c.*	Pc. K. *c.*
12	64·1	65·7	52·1	·312	·290	·231	24	18	37	„	6	10	Pc. *c.*	Pc. *o.*
13	64·9	67·2	59·9	·364	·331	·331	30	20	37	„	5	7	Pc. K. *c.*	Pc. K. *c.*
14	64·9	67·9	54·9	·336	·351	·306	25	21	49	„	0	5	*b.*	Pc. K. *c.*
15	62·9	65·5	53·9	·269	·265	·251	20	16	36	„	0	0	*b.*	*b.*
16	63·2	65·9	53·3	·269	·275	·248	20	16	38	„	0	0	*b.*	*b.*
17	62·9	66·6	55·6	·285	·292	·276	22	17	38	„	0	2	*b.*	Pc. *c.*
18	69·4	69·5	55·9	·513	·376	·270	41	21	35	„	0	5	*b.*	C. Pc. *c.*
19	69·3	70·9	61·5	·436	·429	·384	29	24	45	„	4	5	C. *c.*	Pc. K. *c.*
20	70·7	73·1	65·0	·481	·488	·451	31	26	46	„	0	5	*b.*	Pc. K. *c.*
21	71·9	72·2	67·8	·544	·452	·583	37	24	65	0·01	2	3	Pc. K. *t. l. c.*	Pc. K. *c.*
22	69·4	71·7	61·1	·419	·413	·383	26	21	46	*Nil*	2	3	K. *c.*	Pc. K. *c.*
23	70·4	72·9	60·0	·450	·442	·334	28	21	38	„	1	3	Ck. *c.*	K. *c.*
24	69·4	72·7	59·5	·419	·445	·315	26	22	36	„	0	4	*b.*	Pc. K. *c.*
25	67·3	73·3	58·3	·367	·468	·316	25	23	38	„	4	2	Pc. K. *c.*	K. *c.*
26	69·1	73·9	57·1	·428	·497	·283	29	25	36	„	1	3	Ck. *c.*	Pc. K. *c.*
27	69·9	74·1	57·2	·449	·502	·283	29	25	36	„	1	3	Ck. *c.*	Pc. K. *c.*
28	71·1	74·4	60·8	·492	·535	·319	32	28	34	„	2	3	K. *c.*	Pc. K. *c.*
29	71·7	74·4	59·0	·491	·525	·302	29	27	35	„	1	3	Ck. *c.*	Pc. K. *c.*
30	71·4	76·5	63·2	·493	·598	·457	31	29	56	„	1	7	Ck. *c.*	Pc. K. *c.*
31	71·7	75·7	60·5	·483	·546	·339	28	26	38	„	1	1	Ck. *c.*	Ck. *c. b.*
Mean	67·7	69·6	59·1	·443	·407	·366	33	24	49	Total 0·26	2·2	4·3	...	...

NAGPUR—APRIL 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature & Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hour.	16 hours.	22 hours.	Total miles.
1	28·879	28·720	95·4	102·2	105·8	72·4	33·4	10·0	171·6	65·8	60·4	12·0	NNW	NE	NNW	Calm	115
2	·851	·701	94·5	102·2	103·6	73·1	30·5	10·0	162·6	59·0	63·1	10·0	NNE	ENE	SSW	ESE	85
3	·845	·684	95·2	103·5	105·8	72·9	32·9	9·8	163·8	58·0	56·8	16·1	N	ENE	SSW	ESE	112
4	·850	·682	94·2	104·3	106·5	72·2	34·3	9·1	163·8	57·3	62·2	10·0	NNW	SW	N	SW	101
5	·866	·687	94·7	102·2	105·4	76·3	29·1	9·6	164·8	59·4	65·1	11·2	ESE	SSW	NE	SSE	140
6	·874	·734	97·2	91·9	104·2	75·1	29·1	8·4	162·3	58·1	64·8	10·3	N	S	ESE	NNW	187
7	·899	·759	95·4	101·5	103·7	78·3	25·4	7·8	161·1	57·4	66·0	12·3	ENE	NNE	S	W	165
8	·909	·747	97·4	101·2	105·2	76·3	28·9	8·2	161·6	56·4	65·8	10·5	S	SW	ESE	SW	98
9	·843	·692	96·7	105·4	108·2	79·6	28·6	9·3	164·9	56·7	69·5	10·1	WNW	NNE	SSW	NW	134
10	·847	·725	99·0	104·2	106·9	82·9	24·0	6·2	169·0	62·1	71·7	11·2	NNW	N	N	NNW	157
11	·820	·655	97·9	106·1	108·4	81·0	27·4	8·6	168·3	59·9	69·8	11·2	NNW	E	N	E	99
12	·793	·648	101·1	105·0	108·8	78·1	30·7	8·7	166·8	58·0	65·3	12·8	NNW	NE	W	WSW	128
13	·838	·671	95·3	105·3	107·0	81·1	25·9	6·1	164·0	57·0	72·9	8·2	SSE	SW	N	NNE	101
14	·752	·607	99·5	105·2	109·9	80·8	29·1	9·2	168·8	58·9	69·9	10·9	N	SSW	WSW	NNW	158
15	·766	·618	102·4	105·3	109·5	80·0	29·5	9·6	168·1	58·6	70·2	9·8	SW	WSW	W	NNW	201
16	·735	·586	100·4	107·2	109·9	81·7	28·2	10·1	168·6	58·7	71·7	10·0	NNW	N	W	NNW	161
17	·796	·650	93·2	95·4	96·0	7[illegible]·6	16·4	4·6	157·0	61·0	67·9	11·7	NW	NNW	WSW	WNW	237
18	·757	·636	93·9	100·2	104·6	71·6	33·0	9·5	160·8	56·2	60·5	11·1	S	SW	N	WNW	117
19	·784	·670	99·4	103·4	107·2	74·[illegible]	32·5	9·7	168·5	61·3	62·6	12·1	NW	E	WSW	SW	88
20	·828	·667	98·2	105·0	108·2	79·1	29·1	9·2	167·0	58·8	68·1	11·0	N	SSW	SSW	E	120
21	·742	·584	100·6	107·2	109·2	79·3	29·9	9·6	169·6	60·4	71·1	8·2	NNE	SW	W	SW	116
22	·715	·563	99·2	101·0	109·2	80·3	28·9	8·5	170·5	61·3	72·9	7·4	ENE	SW	SSW	ESE	225
23	·732	·584	101·0	101·0	108·3	82·9	25·4	7·6	165·8	57·5	73·5	9·4	WSW	WSW	NW	E	222
24	·745	·611	94·5	97·2	103·4	84·7	18·7	1·5	168·0	64·6	80·7	4·0	SW	W	W	NW	297
25	·809	·667	81·4	81·0	82·2	81·0	1·2	1·3	132·8	50·6	73·7	7·3	NW	N	ENE	NE	133
26	·821	·654	76·0	85·6	87·0	68·4	18·6	7·0	157·1	70·1	64·8	3·6	SE	E	SE	E	202
27	·860	·697	81·7	93·2	95·2	65·2	30·0	10·1	160·5	65·3	57·8	7·4	Calm	ESE	N	Calm	34
28	·799	·647	93·7	99·4	102·4	70·0	32·4	10·3	159·8	57·4	62·3	7·7	Calm	SSE	NW	Calm	59
29	·764	·625	97·2	103·7	107·2	77·0	30·2	9·2	169·8	62·6	63·8	13·2	WNW	SSW	SSW	Calm	120
30	·778	·618	102·7	108·0	110·8	81·8	29·0	10·4	168·0	57·2	72·7	9·1	SW	NNW	NW	NE	87
Mean	28·810	28·660	95·6	101·1	104·7	77·2	27·4	Total 249·2	164·2	59·5	67·3	10·0	...	...	...	...	140

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	69·0	73·3	56·1	·377	·456	·250	22	22	31	*Nil*	0	0	*b.*	*b.*
2	64·9	69·4	54·0	·247	·308	·184	16	14	22	„	0	0	*b.*	*b.*
3	65·7	70·1	55·0	·265	·317	·212	16	15	26	„	0	0	*b.*	*b.*
4	71·1	72·7	55·2	·472	·407	·227	29	19	28	„	2	2	C. *c. b.*	C. *c. b.*
5	72·1	73·1	60·8	·505	·449	·340	31	22	38	„	0	2	*b.*	K. *c.*
6	74·2	72·1	61·1	·556	·540	·365	31	36	42	„	2	8	C. Pc. *c. b.*	Pc. K. Pk. *c. t. d.* <
7	71·9	72·4	61·5	·487	·431	·338	29	21	35	0·04	6	8	Pc. K. *c.* ↗	Pc. K. Pk. *c.*
8	73·7	72·9	64·0	·534	·454	·444	30	22	49	*Nil*	0	6	*b.* ↗	Pc. K. *c.*
9	69·9	73·1	61·8	·395	·410	·331	22	17	33	„	0	6	*b.*	Pc. K. *c.*
10	70·3	73·2	63·0	·382	·422	·327	20	19	29	„	3	9	C. Pc. *c.*	C. Pc. K. *c.*
11	68·9	72·7	62·9	·343	·383	·349	19	17	33	„	8	5	C. Pc. K. *c.*	Pc. Pk. *c.*
12	70·5	74·5	58·8	·363	·471	·257	19	21	27	„	0	8	*b.*	Pc. K. *c.* H↗
13	74·9	76·1	66·2	·608	·534	·457	36	24	43	„	6	5	Pc. K. *c.*	Cs. Pc. K. *c.*
14	75·4	76·9	63·1	·577	·569	·358	30	25	41	„	3	4	C. *c.*	K. *c.* H↗
15	76·6	78·8	64·0	·591	·650	·398	28	29	39	„	5	3	C. Pc. *c.*	C. *c.* H↗
16	71·5	72·9	62·9	·409	·379	·340	21	15	31	„	5	6	Ck. *c.*	Pc. K. *c.* H↗
17	71·8	71 1	61·0	·510	·457	·308	33	27	30	„	8	9	Pc. K. Pk. *c.* ↗	Pc. K. Pk. *c.* ↗
18	71·9	71·7	57·3	·506	·419	·293	32	22	37	„	0	4	*b.*	Pc. K. *c.*
19	70·0	72·0	57·9	·365	·390	·273	19	18	32	„	0	5	*b.*	Pc. K. *c.*
20	75·1	74·9	59·8	·581	·487	·275	32	22	27	„	0	6	*b.*	Pc. Pk. *c.*
21	77·4	75·4	62·8	·649	·480	·366	32	19	37	„	0	3	*b.*	Pc. K. *c.*
22	77·9	76·5	64·8	·687	·605	·420	36	31	41	„	0	9	*b.*	Pc. P. Pk. *c. t.* ↗
23	77·6	72·7	67·8	·651	·448	·492	33	22	44	„	2	9	C. *c.*	K. P. P*k. c. t.* <
24	75·3	74·3	68·7	·636	·559	·502	38	31	42	„	10	10	Pc. *c.* ↗	Pc. Pk. *c.*
25	68·7	71·4	64·3	·544	·649	·396	50	60	37	0·04	10	8	Pc. *d.* ∞	Pc. K. Pk. *c.*
26	70·6	74·9	65·1	·681	·732	·580	76	59	84	0·08	9	4	Pc. K. Fk. *c.*	Pc. K. Fk. *c.*
27	70·9	74·9	62·6	·621	·636	·537	57	40	87	0·03	0	3	*b. t.* <	K. *c.*
28	74·3	75·7	62·6	·602	·592	·475	38	31	65	*Nil*	0	1	*b.*	Ck. *c. b.*
29	76·4	77·4	61·8	·648	·609	·364	36	28	40	„	0	4	*b.*	Pc. K. *c.*
30	72·9	74·4	65·8	·435	·429	·436	20	17	40	„	0	3	*b.*	Pc. K. *c.*
Mean	72·4	73·7	61·8	·508	·489	·363	31	26	40	Total 0·19	2·6	5·0	...	...

NAGPUR—MAY 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·755	28·602	103·4	110·7	113·2	83·9	29·3	10·1	167·6	54·4	71·5	12·4	WNW	NNE	N	NNW	102
2	·693	·535	105·0	109·4	113·0	83·9	29·1	9·2	168·0	55·0	70·4	13·5	NW	NNE	NNE	NNW	120
3	·648	·511	106·4	110·2	113·2	84·0	29·2	9·6	168·3	55·1	73·2	10·8	NNW	N	NNW	NNW	189
4	·688	·582	105·0	111·2	113·5	78·2	35·3	10·1	169·4	55·9	64·3	13·9	NNW	N	NNW	NNE	143
5	·718	·579	107·2	110·7	113·1	81·9	31·2	10·1	168·6	55·5	68·0	13·9	N	NNE	SE	NNW	132
6	·674	·517	107·2	111·2	114·2	85·7	28·5	8·5	170·0	55·8	75·7	10·0	NNW	N	NW	NNW	171
7	·616	·469	105·0	109·2	111·2	83·5	27·7	8·2	168·8	57·6	71·5	12·0	N	NE	NNW	N	124
8	·612	·490	103·5	108·0	111·5	80·8	30·7	10·0	167·8	56·3	68·7	12·1	NW	NW	NW	WNW	284
9	·677	·552	99·4	106·6	108·2	77·0	31·2	10·1	162·8	54·6	62·0	15·0	NW	NW	WNW	Calm	182
10	·715	·578	98·5	108·2	109·2	76·5	32·7	10·2	166·6	57·4	64·8	11·7	NW	NNW	NW	Calm	119
11	·706	·566	102·4	110·1	111·1	79·1	32·0	10·2	165·8	54·7	66·8	12·3	N	NNW	NW	WNW	93
12	·691	·571	102·4	108·7	111·2	82·9	28·3	10·0	171·2	60·0	75·2	7·7	NW	NW	WNW	WNW	204
13	·737	·620	100·4	108·5	111·2	85·9	25·3	10·5	167·0	55·8	77·5	8·4	NW	NNW	WNW	NNW	271
14	·752	·614	103·4	108·5	111·3	84·9	26·4	8·9	169·9	58·6	79·5	5·4	NW	NW	NW	NNW	230
15	·740	·568	100·7	108·2	110·6	87·9	22·7	9·1	167·6	57·0	80·9	7·0	NW	NNE	NNW	NW	126
16	·669	·529	101·7	108·5	111·2	87·1	24·1	8·5	168·0	56·8	78·7	8·4	WNW	NNE	NNW	ENE	89
17	·670	·541	103·8	110·4	113·4	81·2	32·2	7·9	178·6	65·2	72·5	8·7	NE	N	NNW	NW	88
18	·699	·561	101·2	108·2	112·2	81·9	30·3	7·8	171·8	59·6	72·2	9·7	N	NNW	NNW	Calm	57
19	·693	·570	104·4	108·4	109·7	85·9	23·8	6·4	172·8	63·1	77·5	8·4	SSW	NNE	SE	NE	52
20	·672	·533	104·2	111·2	112·2	85·1	27·1	10·0	169·8	57·6	76·9	8·2	NNW	N	SW	SE	93
21	·708	·533	97·8	109·0	110·8	87·4	23·4	7·9	171·4	60·6	80·9	6·5	SW	SW	WNW	W	245
22	·685	·525	101·4	108·2	111·5	86·9	24·6	7·9	170·6	59·1	77·2	9·7	NNW	NE	NW	NNW	153
23	·688	·535	100·0	108·4	111·2	82·5	28·7	7·8	170·8	59·6	75·9	6·6	E	SSW	N	SE	70
24	·640	·512	105·0	110·2	112·5	88·1	24·4	8·4	170·8	58·3	82·7	5·4	NW	NNW	NNW	WNW	172
25	·604	·474	106·7	110·0	114·2	85·5	28·7	7·5	169·8	55·6	74·7	10·8	NNE	NNW	NW	SW	243
26	·613	·475	105·9	113·0	115·2	88·4	26·8	7·7	167·0	51·8	73·5	14·9	NW	NW	W	WNW	350
27	·650	·512	103·0	111·2	113·2	88·2	25·0	8·9	165·4	52·2	81·9	6·3	WNW	WNW	WNW	NW	333
28	·634	·507	102·7	108·0	109·3	87·9	21·4	9·5	163·9	54·6	81·2	6·7	NW	NW	WNW	WNW	337
29	·652	·497	102·9	106·7	111·2	87·9	23·3	7·3	173·8	62·6	81·7	6·2	NW	NW	WNW	NNW	318
30	·667	·534	101·2	107·9	109·5	84·9	24·6	9·9	168·8	59·3	78·5	6·4	NW	NW	WNW	WNW	286
31	·633	·483	100·7	103·4	106·2	83·9	22·3	6·5	164·8	58·6	75·5	8·4	W	WNW	S	SW	293
Mean	28·677	28·538	103·0	109·1	111·6	84·2	27·4	Total 274·7	169·0	57·4	74·5	9·6	...	...	...	...	183

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	73·4	75·1	64·8	·447	·424	·377	21	16	33	*Nil*	0	1	*b.*	Pc. *b. c.* H↗
2	71·1	71·9	63·0	·337	·314	·316	16	12	28	"	0	2	*b.*	Pc. *c.* H↗
3	70·9	71·5	61·8	·313	·288	·276	13	11	24	"	0	2	*b.*	Cs. *c. b.* H↗
4	70·4	72·9	58·8	·311	·330	·255	14	12	26	"	0	0	*b.*	*b.* H↗
5	70·9	73·1	60·8	·303	·344	·271	13	13	25	"	2	3	Cs. *c. b.*	Pc. *c.* H↗
6	72·4	73·1	62·4	·359	·337	·274	15	13	22	"	3	9	Cs. *c. b.*	Cs. Pc. *c.* H↗
7	70·9	72·4	61·8	·330	·334	·282	15	13	25	"	0	0	*b.*	*b.* H↗
8	69·9	72·7	57·8	·313	·361	·193	15	14	19	"	0	0	*b.*	*b.* H↗
9	73·3	74·1	57·9	·493	·435	·245	26	18	27	"	0	0	*b.*	*b.* H↗
10	67·2	72·1	58·8	·276	·336	·278	14	14	30	"	0	0	*b.*	*b.* H↗
11	68·1	71·9	58·8	·260	·305	·244	12	12	24	"	0	0	*b.*	*b.* H↗
12	71·7	73·7	63·8	·393	·392	·356	19	16	32	"	0	4	*b.*	Pc. K. *c.*
13	71·5	73·7	63·1	·410	·395	·294	21	15	23	"	0	3	*b.*	Ck. *c.* H↗
14	71·9	74·9	62·0	·388	·445	·271	18	18	23	"	1	3	Ck. *c.*	Kc. *c.* H↗
15	73·9	74·4	64·6	·501	·426	·320	25	17	24	"	2	4	K. *c.*	Pc. K. *c.*
16	72·9	75·5	65·1	·450	·469	·346	22	19	27	"	4	5	Ck. *c.*	Pc. Ck. *c.* H↗
17	74·1	75·7	64·8	·470	·453	·410	22	18	38	"	2	5	C. *c.*	Pc. K. *c.* H↗
18	73·4	74·1	63·3	·474	·415	·351	23	17	32	"	2	4	Pc. *c.*	Pc. K. *c.* H↗
19	73·1	73·4	66·6	·422	·384	·412	19	15	33	"	3	6	C. Pc. *c.*	Pc. K. *c.*
20	71·9	74·3	67·0	·380	·384	·437	17	14	36	"	0	4	*b.*	Pc. K. *c.* H↗
21	75·7	75·4	71·7	·611	·458	·581	34	18	44	"	8	7	C. Pc. *c.*	Pc. K. *c.*
22	73·4	71·1	66·6	·472	·298	·400	23	12	31	"	2	4	C. *c.*	K. *c.* H↗
23	74·4	72·4	66·9	·530	·344	·467	27	14	42	"	0	3	*b.*	Pc. K. *c.*
24	71·9	73·7	66·8	·370	·373	·391	17	14	29	"	0	4	*b.*	Pc. K. *c.* H↗
25	73·9	73·4	64·8	·427	·363	·357	17	14	30	"	0	6	*b.* ↗	Pc. K. *c.* H↗
26	74·4	74·1	66·1	·456	·363	·364	19	12	27	0·04	0	5	*b.* ↗	Pc. P. Pk. *c.* H↗
27	73·9	74·4	68·3	·474	·388	·444	23	14	33	*Nil*	0	2	*b.* ↗	K. *c.* H↗
28	74·9	74·1	66·3	·518	·517	·378	24	17	28	"	2	3	Cs. *c. b.* ↗	Cs. Ck. *o.* ↗
29	74·7	72·7	68·9	·506	·378	·471	25	16	36	"	2	7	Cs. Pc. *b. c.*	Pc. K. *c.*
30	73·9	72·4	64·0	·496	·351	·337	24	14	29	"	3	4	Cs. *c.*	Pc. K. *c.*
31	72·9	73·5	66·3	·462	·450	·428	24	21	37	"	6	6	Pc. K. *c.*	Pc. K. Pk. *c.*
Mean	72·5	73·5	64·0	·418	·379	·349	20	15	30	Total 0·04	1·4	3·4	......	......

NAGPUR—JUNE 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.*
1	28·617	28·472	92·8	104·2	106·2	85·4	20·8	6·9	163·8	57·6	75·7	9·7	NNW	SW	S	SW	186
2	·653	·523	97·0	103·2	105·0	79·0	26·0	8·3	162·8	57·8	72·7	6·3	NNE	ESE	SSW	SW	203
3	·697	·552	96·4	102·6	103·4	83·5	19·9	6·5	166·8	63·4	76·5	7·0	NE	SW	SSE	WSW	129
4	·684	·488	96·2	94·2	106·2	78·0	28·2	6·7	167·6	61·4	74·9	3·1	NNW	NW	W	W	253
5	·649	·484	95·2	103·2	104·2	81·0	23·2	5·3	163·2	59·0	77·7	3·3	WSW	WNW	WNW	WNW	247
6	·612	·443	98·4	104·4	107·2	85·9	21·3	9·1	164·8	57·6	81·2	4·7	WNW	NW	W	WNW	279
7	·615	·496	90·2	85·4	96·2	78·0	18·2	4·2	161·0	64·8	75·9	2·1	S	S	SE	NW	227
8	·679	·482	85·6	96·8	98·2	75·5	22·7	3·7	152·0	53·8	72·5	3·0	NW	WNW	WNW	SW	235
9	·624	·447	90·0	99·2	101·2	76·0	25·2	6·7	155·8	54·6	72·7	3·3	W	NW	W	NNW	152
10	·671	·522	78·7	85·4	87·0	76·0	11·0	...	113·6	26·6	72·5	3·5	S	ESE	N	SW	183
11	·697	·517	82·2	95·4	96·2	74·7	21·5	5·5	155·0	58·8	71·7	3·0	NW	WSW	NNW	SE	157
12	·673	·524	89·2	97·0	98·2	78·5	19·7	9·1	159·6	61·4	74·7	3·8	SSW	S	SE	SSW	210
13	·675	·522	89·4	84·2	101·2	78·5	22·7	7·6	161·8	60·6	74·7	3·8	SSW	SW	WNW	SSE	225
14	·643	·457	86·4	97·4	98·7	77·3	21·4	6·9	158·6	59·9	74·7	2·6	SW	W	SW	SSW	166
15	·572	·392	88·2	100·8	101·5	79·2	22·3	8·5	154·3	52·8	72·7	6·5	SSW	WSW	NNW	SSW	223
16	·577	·424	86·0	86·0	95·4	74·3	21·1	5·9	153·6	58·2	71·7	2·6	SSE	WNW	SW	SSE	152
17	·587	·454	86·5	92·2	95·5	77·0	18·5	2·0	152·6	57·1	74·2	2·8	WSW	NW	WNW	S	208
18	·577	·452	81·0	85·4	86·2	72·3	13·9	2·1	141·0	54·8	70·7	1·6	W	WNW	WNW	W	241
19	·532	·447	78·4	82·5	84·2	75·0	9·2	...	116·8	32·6	72·9	2·1	SW	W	WSW	ENE	293
20	·554	·467	82·0	89·0	89·2	72·1	17·1	1·1	146·8	57·6	70·2	1·9	WSW	WSW	WSW	WSW	331
21	·623	·537	80·4	85·2	88·5	75·2	13·3	2·0	148·6	60·1	72·5	2·7	SSW	...	SW	WSW	320
22	·643	·488	81·6	85·4	90·1	74·3	15·8	2·9	145·8	55·7	72·2	2·1	SW	WSW	WSW	SW	291
23	·550	·472	83·2	85·4	87·2	77·0	10·2	0·6	136·1	48·9	73·9	3·1	W	WSW	WSW	WSW	475
24	·561	·510	80·0	85·2	85·4	75·2	10·2	...	112·4	27·0	72·2	3·0	WSW	WSW	WSW	WSW	381
25	·654	·573	84·2	87·2	89·2	75·6	13·6	2·0	143·8	54·6	72·5	3·1	WSW	WSW	WSW	WNW	318
26	·687	·590	85·5	87·2	90·0	77·0	13·0	4·0	143·6	53·6	71·2	5·8	W	W	WNW	NNE	231
27	·679	·564	85·4	91·2	92·4	77·0	15·4	...	140·8	48·4	73·0	4·0	NNE	NW	WNW	NW	200
28	·649	·512	87·2	90·0	93·2	76·8	16·4	3·6	149·8	56·6	74·7	2·1	S	NW	W	SW	333
29	·618	·510	83·0	88·0	90·7	78·4	12·3	0·5	151·3	60·6	74·7	3·7	SW	WNW	WNW	WNW	333
30	·567	·441	85·7	87·5	94·1	78·0	16·1	3·9	152·0	57·9	72·7	5·3	W	WNW	WNW	NNW	...
Mean	28·626	28·492	86·9	92·0	95·4	77·4	18·0	Total 125·6	149·9	54·5	73·7	3·7	...	...	...	...	248

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	73·3	73·9	70·7	·576	·457	·568	37	21	47	*Nil*	7	4	Pc. K. *c.*	Pc. K. *c.*
2	75·5	76·4	70·5	·614	·574	·641	35	27	65	0·01	1	6	C. *b.*	Pc. K. Pk. *c. t.*
3	75·9	75·9	70·7	·637	·560	·592	37	27	51	*Nil*	3	6	Pc. K. *c.*	Pc. K. Pk. *c.*
4	76·2	76·1	71·7	·653	·674	·700	38	42	73	"	4	9	Pc. K. *c.*	Pc. K. Pk. Ʀ *l. d.*
5	76·1	77·4	72·5	·661	·616	·694	40	29	66	"	6	10	Pc. Cs. *c.*	Pc. K. Pk. *o.*
6	77·9	77·5	74·7	·698	·609	·720	38	28	59	"	3	6	Ck. *c.*	Pc. K. *c.*
7	77·1	76·4	73·7	·767	·797	·780	54	65	81	1·02	9	9	Pc. K. *c.*	Pc K. Pk. *g. t.* <
8	76·4	77·4	70·9	·795	·696	·700	65	40	80	*Nil*	10	10	Pc. *o.*	Pc. K. Pk. *o.*
9	77·5	76·9	70·9	·787	·645	·693	56	35	78	0·23	9	8	Pc. K. *c.*	Pc. K. *c.*
10	76·4	78·1	71·7	·883	·872	·725	90	71	81	0·15	10	10	P. *o. d.*	P. Pc. *o.*
11	76·4	77·3	71·9	·839	·710	·749	76	43	87	0·77	10	7	Pc. K. *o.*	Cs. Pc. K. *c.*
12	77·9	77·9	73·7	·815	·716	·773	60	41	79	*Nil*	5	5	Pc. K. *c.*	Pc. K. Fk. *c.*
13	77·9	78·1	74·5	·812	·887	·805	58	76	83	"	7	10	Pc. K. Fk. *c.*	P, Pk. *o.t.d.* <
14	78·2	77·9	73·9	·863	·711	·795	69	40	84	0·07	5	5	Pc. K. *c.*	Pc. K. *c.*
15	78·1	78·4	72·7	·836	·690	·723	63	35	72	0·27	5	8	Pc. K. *c.*	Pc. K. *c.*
16	77·9	76·4	71·5	·855	·790	·739	69	64	87	0·30	9	9	Pc. K. *c.*	Pc. P. Pk. *c. t.* <
17	78·1	78·4	73·1	·857	·800	·767	68	53	82	0·09	10	10	Pc. K. Fk. *o.*	Pc. P. Pk. *o. t.* <
18	76·9	78·2	70·9	·875	·876	·739	83	71	93	2·81	10	10	P. Pk. *o.*	Pc. K. Fk. *o.*
19	75·9	76·4	71·9	·864	·834	·745	89	75	86	0·41	10	10	P. Pk. *o. t.* <	P. Pk. *o.* /
20	76·4	76·9	70·5	·841	·774	·728	77	57	93	1·86	9	10	Pc. K. Fk. *c.* /	Pc. K. Fk. *o.* /
21	74·5	77·9	71·9	·780	·866	·743	75	71	85	0·11	10	9	Pc. K. Fk. *o.*	Pc. K. Fk. *g.*
22	76·9	77·9	72·2	·867	·863	·766	80	71	90	1·34	9	6	Pc. K. / *g.*	Pk. K. Fk. *c.* /
23	75·4	75·9	72·2	·784	·776	·732	69	64	79	*Nil*	10	10	Pc. Pk. *o.* /	Pc. K. Pk. *o.* /
24	75·0	75·9	72·5	·807	·779	·767	79	64	87	0·07	10	10	Pc. Pk. *o.* /	P. Pc. Pk. *o.* /
25	74·9	77·1	71·5	·750	·805	·722	64	62	82	0·03	10	8	Pc. K. Pk. *o.* /	Pc. K. Pk. *c.* /
26	75·9	75·9	72·5	·775	·754	·744	64	58	80	0·13	5	10	K. Fk. *c.*	Pc. K. Pk. *o.*
27	75·4	75·9	72·7	·756	·704	·752	62	49	81	*Nil*	10	10	Pc. K. Pk. *o.*	Pc. K. Pk. *o.*
28	75·6	75·4	74·5	·741	·698	·827	58	49	90	"	8	10	Pc. K. Fk. *c.*	Pc. Pk. *o.*
29	73·8	74·1	71·5	·720	·669	·686	64	50	70	"	10	9	Pc. K. *c.*	Pc. K. Fk. *g.* /
30	75·0	76·8	70·0	·735	·789	·665	60	60	70	0·48	7	9	Pc. K. Fk. *c.*	Pc. K. Pk. *c.g.o.* /
Mean	76·3	76·8	72·2	·775	·733	·726	63	51	78	Total 10·15	7·7	8·4	...	...

NAGPUR—JULY 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·580	28·471	77·2	83·4	84·9	74·1	10·8	0·3	130·6	45·7	71·7	2·4	W	NNW	W	WSW	171
2	·487	·438	77·3	76·5	78·2	74·1	4·1	0	102·0	23·8	71·7	2·4	W	W	WSW	SW	440
3	·705	·654	79·7	86·4	87·2	73·7	13·5	4·9	143·8	56·6	72·0	1·7	SSW	SSW	S	SSW	386
4	·733	·635	84·0	89·2	90·1	74·1	16·0	8·5	148·4	58·3	71·2	2·9	SW	WSW	WSW	WSW	270
5	·728	·627	83·5	87·2	88·2	75·5	12·7	1·9	152·5	64·3	70·9	4·6	W	W	WNW	WSW	293
6	·658	·531	83·5	87·0	88·8	76·5	12·3	3·3	145·6	56·8	72·7	3·8	W	WNW	W	SSW	376
7	·615	·533	77·2	81·2	82·8	73·3	9·5	0·2	132·8	50·0	71·7	1·6	WNW	WSW	SW	SW	329
8	·668	·559	82·6	88·2	91·2	72·9	18·3	5·8	150·8	59·6	71·0	1·9	SW	W	W	W	247
9	·663	·538	82·1	87·0	88·0	75·6	12·4	0	130·2	42·2	72·6	3·0	W	W	NW	WSW	288
10	·630	·548	74·6	76·3	79·8	75·5	4·3	0	106·5	26·7	71·7	3·8	WSW	W	NW	WSW	272
11	·622	·543	76·2	77·2	78·7	73·5	5·2	0	90·8	12·1	71·7	1·8	W	W	WSW	WSW	285
12	·618	·500	80·1	80·6	87·1	73·7	13·4	2·8	149·4	62·3	71·5	2·2	WSW	W	NW	WSW	340
13	·599	·499	79·2	79·5	82·5	74·3	8·2	0·7	129·0	46·5	71·5	2·8	WSW	WSW	W	W	312
14	·603	·516	81·2	82·2	85·4	73·4	12·0	1·7	150·8	65·4	70·3	3·1	SW	W	W	W	257
15	·631	·534	77·5	82·8	84·5	71·3	13·2	4·6	150·8	66·3	69·2	2·1	SW	SW	SW	WSW	350
16	·654	·524	79·7	87·5	89·0	74·1	14·9	7·3	146·1	57·1	70·7	3·4	WSW	SW	SW	W	287
17	·592	·458	82·7	87·2	88·5	74·6	13·9	1·3	133·8	45·3	70·7	3·9	WSW	W	W	WSW	204
18	·583	·482	81·5	82·8	86·1	75·4	10·7	0	130·2	44·1	72·5	2·9	W	W	W	W	220
19	·572	·502	76·2	78·0	79·4	74·6	4·8	0	113·8	34·4	71·0	3·6	SW	WSW	SW	SW	249
20	·557	·463	79·0	80·2	82·7	73·9	8·8	0	120·1	37·4	71·9	2·0	SW	W	WNW	W	198
21	·524	·430	80·9	81·0	83·0	75·1	7·9	0	110·6	27·6	72·7	2·4	W	W	SW	SW	166
22	·547	·448	81·1	82·0	86·2	75·6	10·6	0·8	145·0	58·8	72·2	3·4	SW	W	W	W	196
23	586	·521	80·1	75·7	83·4	75·2	8·2	0	132·2	48·8	67·6	7·6	WSW	WSW	WNW	SSW	264
24	·627	·528	79·2	79·8	82·3	73·1	9·2	0·3	140·0	57·7	70·7	2·4	SW	SW	SSW	SSW	297
25	·614	·527	77·2	83·0	83·9	73·2	10·7	1·4	141·6	57·7	70·9	2·3	SW	WSW	W	SW	331
26	·620	·530	81·0	83·5	87·3	71·9	15·4	6·4	149·1	61·8	69·7	2·2	W	WSW	SW	WNW	288
27	·679	·572	80·2	81·8	88·7	72·5	16·2	4·3	152·0	63·3	69·1	3·4	WSW	WSW	WNW	SSW	199
28	·717	·602	79·9	79·2	83·4	74·3	9·1	0	125·8	42·4	71·2	3·1	SSW	WSW	SW	SW	237
29	·677	·589	77·0	77·2	81·2	72·9	8·3	0	120·3	39·1	70·7	2·2	SW	WSW	W	SW	255
30	·652	·513	79·4	77·3	84·4	72·1	12·3	1·5	149·5	65·1	69·7	2·4	WSW	W	WSW	W	217
31	·670	·558	77·0	81·4	83·0	73·6	9·4	1·0	138·2	55·2	70·5	3·1	WSW	W	...	W	144
Mean	28·626	28·529	79·6	82·0	84·8	74·0	10·8	Total 59·0	134·3	49·4	71·1	2·9	...	...	...	...	270

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	75·5	78·1	71·7	0·863	0·896	0·747	92	78	88	0·16	10	10	Pc. K. Pk. *o.*	Pc. Pk. *o.*
2	76·0	75·6	72·3	·882	·873	·771	94	95	92	2·60	10	10	P. *o. d.* ↙	P. *o. r.* ↙
3	75·1	77·4	71·2	·815	·828	·734	80	65	88	0·53	7	6	Pc. K. Fk. *c.* ↙	Pc. K. *c.* ↙
4	75·4	77·1	69·7	·785	·780	·669	67	57	79	*Nil*	5	7	Pc. K. Fk. *c.* ↙	Pc. K. Fk. *c.* ↙
5	74·6	74·9	69·7	·744	·711	·654	65	55	74	"	8	10	Pc. K. Pk *c.*	Pc. K. Pk. *o.*
6	75·8	77·6	72·5	·791	·826	·748	68	64	82	0·02	9	10	Pc. K. *c.* ↙	Pc. K. Pk. *o.* ↙
7	74·9	77·5	71·6	·835	·898	·752	90	84	92	1·39	10	10	P. *o.*	P. Pk. *o.*
8	76·9	76·1	70·9	·855	·750	·732	76	56	90	0·02	7	8	Pc. K. Fk. *c.*	Pc. K. Pk. *c.* ↙
9	75·0	76·4	71·7	·780	·778	·728	71	60	82	*Nil*	10	10	Pc. K. Pk. *o.*	P. Pk. *o.*
10	73·9	75·1	72·2	·830	·857	·750	97	94	85	1·05	10	10	P. *o. r.*	P. *o. r.*
11	74·7	75·3	72·2	·842	·853	·775	93	91	94	0·89	10	10	P. *o. r.*	P. *o. d.*
12	76·1	76·2	70·5	·852	·848	·708	83	81	85	0·11	9	9	Pc. Pk. *c.* ↙	Pc. K. Pk. *c.* ↙
13	76·4	75·9	71·5	·875	·851	·738	88	85	87	0·10	10	9	Pc. Pk. *o.*	Pc. K. Pk. *c. d.* ↙
14	76·9	77·3	71·7	·872	·875	·757	82	79	92	0·06	10	10	Pc. Pk. *o.*	Pc. Pk. *o.* ↙
15	73·1	77·2	68·1	·759	·865	·654	80	76	84	1·90	10	6	P. Pk. *o.*	Pc. K. Fk. *c.* ↙
16	74·9	77·0	71·3	·806	·797	·732	80	61	87	*Nil*	10	7	Pc. Pk. *o.*	Pc. K. Fk. *c.* ↙
17	75·9	76·9	71·9	·810	·796	·749	72	61	88	0·02	9	9	Pc. K. Fk. *c.*	Pc. Pk. *c.*
18	75·4	76·9	72·7	·804	·850	·771	75	74	87	0·02	10	10	P. Pk. *o.*	Pc. Pk. *o.* ↙
19	75·2	75·9	71·7	·862	·870	·741	95	91	86	0·76	10	10	P. *o. d. r.*	P. *o. d. r.*
20	76·6	77·5	72·4	·885	·911	·777	89	88	93	0·32	10	10	P. *o.*	P. *o. d.*
21	77·4	76·7	72·7	·897	·866	·776	85	82	88	0·05	10	10	P. Pk. *o.*	P. Pc. *o.*
22	77·0	76·2	72·7	·878	·829	·767	83	75	86	*Nil*	10	10	Pc. K. *o.*	Pc. P. Pk. *o.*
23	75·8	73·9	71·8	·839	·815	·737	82	92	84	0·53	10	10	P. *o.* ↙	P. Pk. *o.*
24	75·9	77·4	70·9	·854	·919	·730	86	89	89	1·02	10	10	P. Pk. *o.*	Pc. K. Pk. *o.* ↙
25	75·0	76·7	70·9	·842	·840	·728	90	74	89	0·67	10	9	P. Pk. *o.*	Pc. K. Pk. *c.* ↙
26	75·9	77·5	68·7	·832	·868	·663	79	76	85	0·03	7	8	Pc. K. Fk. *c.*	Pc. Pk. *c.*
27	75·9	77·0	69·7	·842	·868	·691	82	80	87	0·12	10	10	Pc. K. Fk. *o.*	Pc. K. Pk. *o.*
28	75·4	75·7	70·7	·824	·845	·707	81	85	84	0·25	10	10	Pc. K. Pk. *o.*	P. Pc. *o. p.*
29	75·2	75·3	70·9	·852	·853	·731	92	91	90	1·44	10	10	P. Pk. *o. d. r.*	P. *o. d. r.*
30	74·9	74·9	69·9	·810	·834	·705	81	89	89	0·85	10	10	P. Pk. *o.*	Pc. P. Pk. *o.*
31	74·7	76·1	70·9	·831	·835	·724	90	78	87	0·23	10	8	Pc. K. Pk. *o.*	Pc. K. Fk. *c.*
Mean	75·5	76·4	71·2	·834	·841	·730	83	78	87	Total 15·21	9·4	9·2	...	...

NAGPUR—AUGUST 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·678	28·560	79·7	84·7	87·4	74·6	12·8	3·5	152·8	65·4	71·5	3·1	W	W	WNW	SW	207
2	·651	·568	82·0	84·7	88·2	74·2	14·0	2·5	162·4	74·2	70·2	4·0	WSW	W	W	NNW	173
3	·651	·566	83·7	84·8	87·7	74·4	13·3	4·7	159·3	71·6	70·7	3·7	NW	NW	NW	E	163
4	·692	·572	82·2	86·5	88·4	75·2	13·2	3·1	147·8	59·4	72·7	2·5	Calm	NW	WNW	WNW	124
5	·659	·546	82·4	86·2	90·1	76·4	13·7	4·0	156·5	66·4	73·2	3·2	WNW	NNW	NW	Calm	124
6	·630	·493	81·2	79·4	85·5	73·6	11·9	0·9	157·3	71·8	71·0	2·6	WNW	W	NNE	E	85
7	·598	·489	79·6	84·2	87·2	74·7	12·5	3·1	157·5	70·3	72·9	1·8	E	E	S	NNE	94
8	·655	·547	81·5	84·7	88·4	75·6	12·8	4·8	160·6	72·2	73·7	1·9	N	WNW	W	SW	146
9	·666	·528	80·2	82·0	84·4	75·6	8·8	...	120·7	36·3	72·5	3·1	W	WNW	W	WNW	232
10	·549	·487	73·8	75·0	75·7	73·6	2·1	...	90·2	14·5	71·9	1·7	WNW	WSW	WSW	WSW	401
11	·642	·564	76·2	79·4	81·4	72·1	9·3	2·1	141·8	60·4	70·7	1·4	SW	SW	SSW	WSW	373
12	·712	·593	81·0	84·2	86·4	73·1	13·3	5·6	150·0	63·6	71·2	1·9	SW	WSW	W	W	271
13	·684	·615	79·6	74·4	82·8	74·2	8·6	1·2	131·3	48·5	71·5	2·7	W	WNW	NNW	WNW	192
14	·650	·557	76·7	80·6	83·2	72·9	10·3	2·2	149·6	66·4	70·5	2·4	W	W	W	WNW	312
15	·690	·619	81·5	81·4	84·4	72·2	12·2	3·6	147·6	63·2	69·2	3·0	W	WNW	WNW	WNW	313
16	·703	·587	78·0	81·2	86·3	72·4	13·9	1·9	148·8	62·5	70·9	1·5	NW	W	W	WNW	285
17	·702	·599	80·1	82·4	84·0	75·5	8·5	1·0	145·3	61·3	73·1	2·4	WNW	WNW	WNW	WNW	227
18	·728	·629	80·2	84·0	85·7	74·1	11·6	3·3	144·2	58·5	69·7	4·4	WNW	WNW	NW	WNW	177
19	·744	·638	80·0	84·8	86·4	74·3	12·1	2·2	156·6	70·2	71·5	2·8	WNW	WNW	WNW	Calm	147
20	·752	·659	81·2	79·4	84·4	74·1	10·3	0·7	137·0	52·6	71·1	3·0	Calm	NW	WSW	WNW	24
21	·771	·676	80·5	77·5	83·2	75·1	8·1	0·4	132·3	49·1	71·7	3·4	NW	NW	NNE	NE	?
22	·763	·664	77·5	79·5	84·2	73·8	10·4	...	124·8	40·6	71·9	1·9	SW	SW	SSW	Calm	8
23	·779	·683	79·7	79·2	85·2	74·5	10·7	0·8	153·0	67·8	72·2	2·3	Calm	W	SW	WSW	77
24	·781	·665	82·8	87·5	89·3	74·1	15·2	7·8	151·3	62·0	70·5	3·6	W	WNW	W	W	169
25	·780	·667	83·4	87·0	89·2	74·3	14·9	5·0	154·6	65·4	69·1	5·2	WNW	WNW	W	ESE	198
26	·798	·689	84·2	82·2	88·7	74·5	14·2	3·4	153·6	64·9	70·2	4·3	ESE	NW	NNW	SSE	159
27	·768	·635	84·7	85·7	89·8	73·1	16·7	8·2	152·6	62·8	68·7	4·4	SSW	WNW	SSW	N	157
28	·780	·661	83·2	81·6	89·6	74·1	15·5	3·9	153·0	63·4	69·9	4·2	W	WNW	NNW	NNE	129
29	·799	·672	83·7	87·6	89·4	73·3	16·1	7·7	152·6	63·2	68·0	5·3	NNE	NW	WSW	NW	160
30	·764	·641	83·2	89·0	89·6	70·8	18·8	8·3	150·8	61·2	62·8	8·0	WNW	WNW	WSW	W	199
31	·753	·634	83·7	88·2	90·2	73·1	17·1	7·9	154·0	63·8	66·8	6·3	W	WNW	WSW	ESE	165
Mean	28·709	28·603	80·9	82·9	86·3	74·0	12·4	Total. 103·8	146·8	60·4	70·7	3·3	...	...	...	...	177

NAGPUR—AUGUST 1890.

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	75·1	77·1	71·5	·815	·837	·735	81	70	86	*Nil*	10	9	Pc. K. Pk. *o.*	Pc. K. *c. g.*
2	76·6	78·4	71·5	·849	·894	·740	77	75	87	0·08	10	10	Pc. K. Pk. *o.*	Pc. K. Fk. *o.*
3	77·3	78·3	71·9	·858	·888	·752	74	74	88	0·03	7	10	Pc. K. Fk. *c.*	Pc. K. Pk. *o.*
4	77·2	77·9	72·6	·872	·849	·770	79	68	88	0·17	10	10	Pc. P. *o. t.* <	Pc. K. Pk. *o.*
5	77·4	79·4	73·7	·878	·919	·799	79	73	88	*Nil*	7	9	Pc. K. Pk. *c.*	Pc. K. Pk. *c. g.*
6	78·9	76·7	70·7	·960	·887	·716	90	88	86	0·68	10	10	Pc. K. Pk. *o. t.* <	P. Pk. *o.*
7	76·4	77·4	72·7	·871	·855	·780	86	73	91	0·41	10	10	P. Pk. *o. t.* <	P. K. Pk. *o. t.*
8	77·4	78·8	73·7	·890	·912	·809	83	76	91	0·10	9	9	Pc. K. Pk. *o.*	Pc. K. Pk. *o.*
9	76·4	77·1	73·3	·863	·870	·792	84	79	89	*Nil*	10	10	Pc. Pk. *o.*	Pc. Pk. *o.*
10	73·1	72·7	71·3	·808	·776	·739	97	89	89	1·89	10	10	P. *o. r.*	P. *o.* ↗
11	73·7	76·1	70·2	·802	·860	·716	89	86	90	1·27	10	10	P. Pk. *o* ↗	P. Pk. *o.* ↗
12	76·0	76·4	70·7	·836	·812	·722	79	69	88	0·06	8	9	Pc. K. Fk. *c.*	Pc. K. Pk. *c. g.*
13	74·2	73·9	71·7	·779	·832	·747	76	98	88	0·13	10	10	Pc. K. Fk. *o.*	P. Pk. *o. r.*
14	74·1	76·6	69·3	·812	·867	·673	89	83	83	0·21	10	9	Pc. Pk. *o.* ↗	Pc. K. Fk. *g.* ↗
15	75·5	75·9	69·6	·809	·827	·692	75	77	88	*Nil*	10	10	Pc. K. Pk. *c.*	Pc. Pk. *c.* ↗
16	75·1	77·1	70·9	·836	·881	·738	87	83	93	5·08	10	10	Pc. Pk. *o.*	Pc. K. Pk. *d. o.*
17	75·0	77·1	71·8	·806	·865	·735	79	78	83	*Nil*	10	8	P. K. Fk. *o.*	Pc. K. Pk. *c.*
18	75·1	76·2	71·4	·809	·806	·737	79	69	87	0·02	9	9	Pc. K. *c.*	Pc. K. Pk. *c.*
19	74·0	76·4	70·7	·7[illegible]5	·805	·708	75	67	84	*Nil*	10	9	Pc. K. Fk. *o.*	Pc. K. Pk. *c. g. d.*
20	75·4	76·2	71·2	·808	·865	·729	76	86	86	0·15	10	9	Pc. K. Pk. *o.*	Pc. K. P. Pk. *c. g.*
21	76·2	74·7	71·9	·851	·826	·744	82	88	85	0·56	10	10	Pc. K. Fk. *o.*	P. K. Pk. *o.*
22	75·9	75·4	71·7	·876	·830	·752	93	83	90	0·08	10	10	P. *o. d.*	Pc. P. Pk. *o.*
23	74·4	73·7	71·5	·786	·764	·736	77	76	86	0·04	10	10	Pc. P. Pk. *o.*	Pc. Pk. *o.*
24	75·4	74·9	70·7	·788	·708	·710	70	54	84	0·02	4	5	Cs. Pc. *c.*	Pc. K. Fk. *c.*
25	73·7	77·4	70·1	·710	·820	·685	62	64	80	0·14	6	10	Pc. C. *c.*	Pc. K. Pk. *o.*
26	74·7	74·2	71·4	·741	·746	·732	63	68	86	0·23	9	10	Pc. K. Pk. *c.*	P. Pk. *o. d.*
27	77·9	76·7	69·7	·871	·807	·684	73	65	84	0·11	6	9	Pc. Ck. *c.*	Pc. K. Pk. *g. c. o.*
28	76·7	75·4	71·7	·838	·804	·748	74	74	88	0·23	10	9	Pc. K. Pk. *o.*	Pc. K. Pk. *c. g.*
29	75·1	76·7	69·7	·764	·782	·683	67	60	84	*Nil*	5	8	Cs. Pc. *c.*	Pc. K. Fk. *c.*
30	73·5	75·1	67·9	·705	·697	·648	62	51	85	„	4	8	Pc. *c.*	Pc. K. Pk. *c.*
31	74·9	74·1	69·3	·755	·667	·670	66	50	82	„	4	8	C. Ck. *c.*	Pc. K. Pk. *c.*
Mean .	75·9	76·3	71·2	·820	·824	·730	78	74	87	Total 11·69	8·6	9·3	...	...

NAGPUR—SEPTEMBER 1890.

Date.	Barometer reduced to 32°. 10 hours.	Barometer reduced to 32°. 16 hours.	Temperature of Air. 10 hours.	Temperature of Air. 16 hours.	Temperature of Air. Maximum.	Temperature of Air. Minimum.	Temperature of Air. Range.	Temperature of Radiation. Hours, bright Sunshine.	Temperature of Radiation. Sun.	Temperature of Radiation. Difference, Sun and Shade.	Temperature of Radiation. Nocturnal on Woollen pad.	Temperature of Radiation. Difference, Shade and Radiation.	Wind. Direction. 4 hours.	Wind. Direction. 10 hours.	Wind. Direction. 16 hours.	Wind. Direction. 22 hours.	Wind. Velocity. Total miles.
1	28·795	28·666	84·0	90·2	91·2	73·3	17·9	7·9	156·9	65·7	66·8	6·5	E	WNW	WSW	ESE	120
2	·802	·679	85·2	91·6	94·0	73·9	20·1	8·6	159·6	65·6	67·3	6·6	SSW	NW	WSW	SSW	150
3	·800	·713	85·5	84·0	92·4	75·9	16·5	5·3	165·0	72·6	68·7	7·2	NNW	WNW	N	SSW	133
4	·789	·667	82·4	84·2	90·9	74·9	16·0	4·1	163·3	72·4	70·5	4·4	NW	NW	N	NW	137
5	·763	·616	85·0	87·8	91·0	75·9	15·1	6·1	158·6	67·6	70·7	5·2	NW	NW	WNW	NW	154
6	·725	·585	83·5	87·7	91·0	74·8	16·2	6·7	157·0	66·0	71·4	3·4	WNW	NW	E	NNW	137
7	·731	·586	85·5	91·5	92·4	74·5	17·9	8·7	159·2	66·8	71·5	3·0	NW	NNW	WNW	NNW	113
8	·694	·574	88·6	85·5	92·2	75·3	16·9	4·5	158·1	65·9	69·7	5·6	NW	NNE	ESE	W	136
9	·699	·605	87·0	78·4	93·2	75·6	17·6	6·7	157·0	63·8	70·7	4·9	W	NW	E	SSE	82
10	·707	·558	85·2	90·4	92·2	75·5	16·7	9·5	157·8	65·6	72·1	3·4	NNW	SSE	SE	ESE	93
11	·691	·609	87·2	78·5	91·2	75·7	15·5	5·0	158·6	67·4	71·7	4·0	NE	WSW	W	NNE	124
12	·711	·597	80·6	75·2	85·0	72·6	12·4	1·4	146·0	61·0	67·3	5·3	NE	W	N	ESE	85
13	·688	·574	80·0	84·2	85·2	73·3	11·9	5·9	155·8	70·6	71·2	2·1	WNW	SW	S	SSE	126
14	·678	·550	79·2	77·4	83·7	74·1	9·6	3·3	151·8	68·1	70·9	3·2	SSW	SSW	W	WNW	194
15	·621	·526	80·8	84·4	86·4	73·5	12·9	0·6	139·2	52·8	71·3	2·2	W	WNW	WNW	WNW	240
16	·694	·580	81·9	87·4	89·4	73·1	16·3	6·9	156·8	67·4	68·6	4·5	WNW	NW	NW	NW	230
17	·761	·611	84·2	89·2	90·7	73·6	17·1	6·2	159·1	68·4	68·6	5·0	NW	N	N	ENE	146
18	·741	·599	83·2	85·9	88·1	74·1	14·0	6·4	156·0	67·9	69·9	4·2	NNE	NNE	NE	N	163
19	·705	·567	84·5	88·5	90·0	74·4	15·6	8·2	154·0	64·0	70·3	4·1	NNW	ENE	ENE	WNW	118
20	·715	·592	80·7	79·2	87·2	75·1	12·1	1·8	165·0	77·8	70·5	4·6	NNW	WNW	WSW	WSW	147
21	·698	·619	80·9	75·7	87·0	73·4	13·6	3·2	150·2	63·2	70·2	3·2	W	WNW	NW	NNW	224
22	·728	·602	81·2	87·5	88·1	71·7	16·4	4·6	154·3	66·2	68·7	3·0	WNW	W	NW	ENE	207
23	·728	·625	76·7	74·4	84·2	72·9	11·3	3·9	165·0	80·8	69·2	3·7	W	WNW	NNE	NW	174
24	·692	·562	72·6	77·8	80·7	71·1	9·6	0·6	139·7	59·0	68·6	2·5	NNW	NW	W	WNW	183
25	·636	·543	76·1	77·2	78·2	72·0	6·2	...	117·6	39·4	69·7	2·3	WNW	W	WSW	W	295
26	·652	·580	75·2	76·1	79·6	72·6	7·0	0·1	128·8	49·2	69·9	2·7	WSW	WSW	WSW	WSW	438
27	·707	·617	80·2	85·2	86·2	71·2	15·0	7·2	153·6	67·4	68·1	3·1	WSW	WNW	WNW	NNW	305
28	·826	·747	79·6	74·2	87·4	67·2	20·2	6·8	156·8	69·4	61·0	6·2	N	WSW	W	SW	113
29	·853	·745	81·2	77·0	86·6	71·2	15·4	7·3	155·4	68·8	67·0	4·2	WNW	NNW	WNW	WNW	72
30	·865	·735	82·4	85·5	86·2	72·3	13·9	9·0	153·6	67·4	67·8	4·5	WNW	ENE	NE	S	66
Mean	28·730	28·614	82·0	83·1	88·1	73·5	14·6	Total 156·5	153·7	65·6	69·3	4·2	...	...	...	...	164

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	75·1	75·7	70·5	·760	·707	·712	65	50	87	*Nil*	8	5	Pc. K. Fk. *c.*	Pc. K. Fk. *c.*
2	75·5	75·9	70·2	·763	·698	·694	63	47	83	"	4	7	C. Cs. *c.*	Pc. K. Fk. *c.*
3	76·7	75·4	71·2	·809	·773	·707	66	67	79	0·18	6	10	C. Pc. K. *c.*	P. Pk. *o. t.*
4	76·3	77·4	71·7	·831	·855	·739	75	73	85	0·66	9	9	Pc. K. *g.*	Pc. K. Pk. *c. g.*
5	76·4	76·4	73·5	·803	·767	·797	67	58	89	*Nil*	10	9	P. K. Pk. *o.*	P. K. Pk. *c. t.* <
6	74·5	76·9	72·0	·742	·790	·751	65	60	87	0·14	5	10	Pc. Cs. *c.*	Pc. K. Pk. *o.*
7	76·6	78·1	69·2	·804	·794	·648	65	54	76	*Nil*	3	6	Ck. *c.*	Pk. K. Fk. *c.*
8	76·6	74·7	69·7	·766	·725	·658	57	59	75	"	6	10	C. Pc. *c.*	Pc. K. Pk. *o.*
9	78·7	75·3	71·4	·877	·840	·718	68	87	81	0·28	4	10	Pc. K. *c.*	P. Pk. *o. d. t.* <
10	79·1	78·2	73·4	·919	·813	·798	76	57	91	*Nil*	6	4	K. Fk. *c.*	Pc. K. Fk. *c.*
11	79·4	75·1	72·9	·907	·829	·781	70	85	87	0·02	7	10	Pc. K. *c.*	P. Pk. *o. t.* < /
12	76·0	74·2	70·5	·841	·834	·722	81	95	90	2·45	9	10	Pc. Pk. *c. g.*	Pc. P. Pk. *o. t.* < *r.*
13	76·2	77·4	71·5	·857	·855	·750	84	73	91	0·18	9	7	Pc. K. Pk. *c. g. t.* <	Cs. Pc. K. Pk. *c.*
14	75·4	75·9	71·8	·833	·877	·752	84	93	89	0·46	10	10	Pc. Pk. *o.*	P. Pk. *o. d.*
15	76·1	77·2	71·1	·843	·845	·733	80	71	88	0·58	10	8	Pc. *o.* /	Pc. K. Pk. *c.*
16	76·4	77·2	68·7	·842	·807	·648	77	62	79	*Nil*	8	7	Pc. K. *c.* /	Pc. K. Fk. *c.*
17	77·0	77·2	70·0	·839	·784	·690	71	57	84	"	5	8	C. Pc. K. *c.*	Pc. Pk. *c.*
18	76·2	77·0	69·6	·817	·817	·668	72	65	79	0·05	10	8	Pc. K. Pk. *o.*	Pc. K. Pk. *c. r.*
19	76·1	77·4	72·5	·796	·801	·776	67	60	91	0·15	7	9	Pc. K. Fk. *c. t.* <	Pc. K. Pk. *c. g.*
20	77·0	77·2	72·2	·883	·910	·755	84	91	86	0·65	8	9	Pc. K. Pk. *c.*	Pc. K. Pk. *c. g. t.* <
21	77·4	74·8	71·5	·897	·852	·749	85	95	90	2·39	9	10	Pc. K. *o.* / *t.* <	P. *o. t.* <
22	74·7	79·1	69·2	·779	·889	·684	73	68	88	1·04	9	9	Pc. K. Pk. *g.*	Pc. K. Pk. *c. g.*
23	73·1	73·5	68·5	·771	·816	·643	84	95	79	0·69	9	10	Pc. K. Pk. *c. g. t.* <	P. *o. d. r.*
24	72·4	75·4	69·2	·795	·851	·691	99	89	90	2·47	10	10	P. *o. r.*	P. Pc. *o. d. r.*
25	73·4	73·7	70·0	·791	·789	·710	87	84	90	0·86	10	10	Pc. Pk. *o.* /	Pc. Pk. *o.* /
26	71·9	72·7	68·8	·742	·761	·657	85	84	82	0·12	10	9	P. Pc. *o.* /	Pc. K. Pk. *g.* /
27	74·9	75·1	68·6	·800	·746	·668	78	62	88	0·07	5	6	Pc. K. Fk. *c.* /	Pc. K. Fk. *c.*
28	72·9	72·3	64·8	·726	·770	·585	72	90	87	0·16	3	10	Pc. Ck. *c.*	Pc. Pk. *o. d. r.*
29	75·5	74·1	69·6	·813	·807	·705	76	86	93	0·32	4	8	Pc. K. *c.*	Pc. K. Pk. *c. r.*
30	75·7	75·1	70·2	·806	·741	·714	73	60	90	*Nil*	7	7	K. Fk. *c.*	Pc. K. Fk. *c.*
Mean	75·8	75·9	70·5	·815	·805	·710	75	73	86	Total 13·92	7·3	8·5	...	...

NAGPUR—OCTOBER 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	4 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·886	28·760	82·6	86·4	88·2	72·0	16·2	8·4	157·8	69·6	67·6	4·4	SSW	ENE	ENE	NNE	72
2	·900	·774	84·2	85·6	89·1	73·3	15·8	7·7	157·2	68·1	67·4	5·9	NNE	SE	SSE	NNW	66
3	·874	·725	85·4	86·2	90·4	74·0	16·4	8·9	162·8	72·4	68·7	5·3	NNW	NNW	WNW	ESE	84
4	·832	·707	86·0	89·6	90·8	70·8	20·0	9·2	150·0	59·2	65·0	5·8	N	NNW	NE	NE	104
5	·824	·699	84·5	91·2	92·2	70·3	21·9	9·4	150·7	58·5	63·3	7·0	...	...	NNE	ESE	64
6	·859	·739	86·7	91·2	92·2	72·1	20·1	9·2	150·6	58·4	64·2	7·9	N	N	NNE	NNE	85
7	·880	·783	87·2	81·5	92·4	73·4	19·0	8·2	150·5	58·1	68·3	5·1	N	NNW	NE	SSE	124
8	·850	·733	85·4	86·5	92·4	73·3	19·1	7·9	156·1	63·7	67·2	6·1	SSE	NW	NE	N	136
9	·831	·713	84·7	91·1	91·4	68·4	23·0	8·7	156·5	65·1	59·6	8·8	NNW	NNW	NNW	NNW	103
10	·821	·676	84·4	85·7	88·6	68·5	20·1	7·2	158·8	70·2	59·6	8·9	NNW	NNE	NNE	NE	107
11	·776	·640	84·2	88·6	89·7	71·1	18·6	9·0	158·3	68·6	62·8	8·3	NNE	NNE	NNE	NNE	138
12	·798	·672	84·5	87·5	90·4	72·1	18·3	8·4	153·1	62·7	65·0	7·1	NNE	NNE	NNE	ENE	170
13	·809	·661	84·0	87·7	90·4	71·7	18·7	8·6	155·0	64·6	64·8	6·9	NE	NNE	N	N	158
14	·787	·674	84·4	88·4	90·3	68·6	21·7	9·5	148·2	57·9	58·4	10·2	NNW	NNW	NW	NW	171
15	·832	·740	83·6	87·4	91·2	66·2	25·0	8·4	153·0	61·8	59·0	7·2	NW	NE	WSW	E	196
16	·936	·827	84·3	87·0	92·4	64·2	28·2	6·8	162·2	69·8	53·5	10·7	NNE	NNW	NW	NE	97
17	·970	·846	84·7	89·5	91·6	65·7	25·9	9·1	153·9	62·3	58·0	7·7	NNW	W	N	N	99
18	·932	·791	83·7	87·2	91·2	66·0	25·2	8·4	156·8	65·6	53·6	12·4	NNW	WNW	NW	N	122
19	·908	·805	82·2	86·1	90·4	64·3	26·1	8·1	156·2	65·8	53·7	10·6	N	NNW	N	NNE	85
20	·972	·849	83·4	89·0	90·9	67·7	23·2	9·5	155·2	64·3	56·8	10·9	NW	N	NNE	NNE	87
21	29·012	·889	82·7	88·0	89·7	66·2	23·5	9·6	157·1	67·4	53·1	13·1	N	N	NE	NNE	107
22	28·988	·85[illegible]	81·6	88·1	89·4	66·3	23·1	9·4	148·8	59·4	52·6	13·5	N	N	NW	NNE	107
23	·989	·851	82·7	87·5	88·7	63·4	25·3	9·4	150·1	61·4	53·1	10·3	NNW	N	NNE	NNE	125
24	·988	·881	81·6	87·0	88·2	64·2	24·0	9·4	151·3	63·1	53·6	10·6	N	N	N	NNE	121
25	29·008	·903	81·7	87·0	88·4	64·8	23·6	9·6	146·7	58·3	52·6	12·2	NNE	NNE	NNE	NE	118
26	·001	·883	81·6	87·1	88·1	63·3	24·8	8·8	147·0	58·9	51·1	12·2	N	N	N	N	113
27	28·989	·880	80·7	85·0	86·2	61·3	24·9	9·6	147·8	61·6	48·8	12·5	NNW	N	N	NNE	132
28	·998	·872	78·4	85·2	86·2	59·3	26·9	9·6	144·8	58·6	47·6	11·7	N	NNE	N	NNE	139
29	29·002	·864	79·2	84·7	86·3	60·1	26·2	9·4	145·3	59·0	45·1	15·0	N	NNE	NNE	NNE	117
30	28·962	·830	79·4	83·2	85·2	59·3	25·9	9·3	144·3	59·1	43·2	16·1	N	NNE	N	NNE	140
31	·956	·842	78·3	83·6	85·2	58·4	26·8	9·1	144·9	59·7	44·3	14·1	NNE	NNE	NNE	NNE	141
Mean	28·909	28·786	83·2	87·1	89·6	67·1	22·5	Total 273·8	152·6	63·0	57·4	9·6	...	...	...	...	117

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	76·7	76·9	69·9	·845	·806	·706	75	64	90	*Nil*	7	7	Pc. K. Fk. *c.*	Pc. K. Fk. *c.*
2	77·7	78·4	71·4	·869	·883	·746	74	72	90	0·03	7	7	Pc. K. Fk. *c.*	Pc. K. Pk. *c. t.*
3	78·1	73·5	72·0	·871	·668	·761	71	54	90	0·02	4	8	K. *c.*	Pc. K. Pk. *c.t.d.* <
4	74·4	70·4	68·6	·707	·504	·673	57	36	89	*Nil*	1	3	C. *b.*	Ck. *c.*
5	75·0	71·4	67·6	·750	·521	·644	63	35	87	"	0	3	*b.*	Pc. Ck. *c.*
6	74·7	68·9	67·9	·710	·428	·632	56	29	80	"	0	2	*b.*	Pc. *c. b.*
7	74·5	73·4	68·7	·696	·723	·645	54	67	78	"	0	10	*b.*	Pc. Pk. *o. d.*
8	74·4	72·3	69·2	·714	·616	·664	58	49	81	"	0	8	*b.*	Pc. K. Pk. *c.*
9	72·0	72·8	63·6	·627	·578	·529	53	39	76	"	0	7	*b.*	Pc. K. Pk. *c.*
10	74·3	71·6	64·0	·723	·599	·541	61	49	78	"	6	8	Pc. Ck. *c.*	Pc. K. Fk. *c.*
11	75·3	74·4	67·8	·766	·674	·640	65	50	84	"	3	6	Pc. Ck. *c.*	Pc. K. Fk. *c.*
12	74·1	73·1	68·7	·713	·635	·660	60	48	83	"	6	7	C. Pc. *c.*	Pc. K. Pk. *c.*
13	74·9	72·1	68·3	·752	·594	·650	65	45	83	"	3	6	Ck. *c.*	Pc. Ck. *c.*
14	72·6	71·8	65·3	·654	·573	·584	55	43	83	"	1	4	C. *c. b.*	Pc. Ck. *c.*
15	70·2	72·4	62·6	·571	·609	·524	49	46	82	"	2	9	Ck. *c.*	Pc. K. Pk. *c.*
16	72·3	70·8	60·8	·644	·552	·491	54	43	81	"	2	6	Ck. *c.*	Pc. Ck. *c.*
17	69·9	69·7	60·8	·546	·479	·473	46	34	74	"	0	4	*b.*	Pc. Ck. *c.*
18.	68·7	67·9	59·8	·515	·442	·439	45	34	68	"	0	4	*b.*	Pc. Ck. *c.*
19	69·9	69·4	59·1	·578	·511	·439	52	41	72	"	2	7	Pc. *c.*	Pc. K. Pk. *c.*
20	70·0	69·3	62·6	·566	·471	·506	49	34	75	0·01	0	3	*b.*	Pc. Ck. *c.*
21	68·9	67·2	59·8	·535	·408	·436	48	30	67	*Nil*	0	3	*b.*	Pc. Ck. *c.*
22	67·8	68·1	59·3	·508	·438	·419	47	33	65	"	0	3	*b.*	Pc. Ck. *c.*
23	67·1	68·2	58·1	·470	·449	·420	42	34	72	"	1	4	Ck. *c.*	Pc. Ck. *c.*
24	67·9	68·2	58·9	·513	·456	·433	48	35	72	"	0	2	*b.*	Ck. *c.*
25	67·1	68·2	58·8	·483	·456	·423	45	35	69	"	0	2	*b.*	Ck. *c.*
26	65·9	67·8	57·2	·443	·439	·394	41	34	68	"	5	4	Cs. *c.*	Cs. *c*
27	62·9	65·2	54·1	·352	·375	·332	33	30	61	"	1	2	Cs. *b.*	Cs. *b.*
28	62·6	64·7	52·2	·371	·357	·305	38	30	60	"	2	1	Cs. *c. b.* ⌓	Cs. *c. b.*
29	63·9	63·3	52·6	·405	·315	·305	40	26	59	"	0	0	*b.* ⌓	*b.*
30	60·3	61·8	50·9	·288	·286	·271	28	25	53	"	0	0	*b.* ⌓	*b.*
31	60·0	64·7	50·3	·292	·377	·266	30	33	54	"	3	3	Cs. *c.* ⌓	Cs. *c.*
Mean	70·5	69·9	62·3	·596	·523	·515	52	41	75	Total 0·06	1·8	4·6	...	...

NAGPUR—NOVEMBER 1890.

Date.	Barometer reduced to 32°.		Temperature of Air.					Temperature of Radiation.					Wind.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·955	28·808	78·7	84·8	86·2	58·5	27·7	9·6	144·8	58·6	43·9	14·6	NNE	NNE	NNE	NNE	126
2	·926	·787	78·5	85·4	86·7	58·3	28·4	9·5	149·1	62·4	44·2	14·1	NNE	NNE	NE	ENE	108
3	·928	·810	80·7	85·3	87·2	62·3	24·9	9·4	147·0	59·8	47·9	14·4	NE	ENE	NNE	NNE	130
4	·975	·856	82·1	87·1	88·6	66·2	22·4	9·2	148·7	60·1	54·9	11·3	NNE	ENE	NE	NNE	135
5	·991	·852	81·9	85·0	86·2	67·3	18·9	7·3	158·0	71·8	58·3	9·0	NNE	NNE	NNE	NE	150
6	·959	·810	79·4	82·0	85·4	66·2	19·2	4·4	144·8	59·4	56·1	10·1	NNE	NE	E	SW	141
7	·942	·847	74·7	71·2	78·7	71·3	7·4	0·3	111·0	32·3	65·3	6·0	SW	E	E	ENE	122
8	·978	·882	71·8	76·4	79·7	69·4	10·3	1·1	144·6	64·9	66·8	2·6	ENE	NE	NW	ENE	170
9	29·041	·932	75·5	79·5	81·5	71·1	10·4	3·0	149·2	67·7	69·0	2·1	ENE	NE	NNE	NNE	111
10	·026	·903	76·6	82·2	83·2	64·3	18·9	9·4	140·8	57·6	54·7	9·6	NNE	NE	NNE	NNE	115
11	·027	·907	74·4	81·7	83·5	58·3	25·2	9·3	142·0	58·5	46·1	12·2	NNW	N	NNE	NNE	99
12	·037	·929	75·2	81·7	83·9	57·9	26·0	9·0	142·9	59·0	44·8	13·1	NNW	N	NNE	NE	92
13	·020	·915	76·2	84·2	85·4	60·1	25·3	9·2	143·4	58·0	47·2	12·9	NNW	NNW	E	E	87
14	·044	·924	77·2	85·5	86·2	60·8	25·4	9·2	141·8	55·6	48·9	11·9	NNW	NNW	ESE	Calm	81
15	·017	·892	78·0	85·2	86·2	61·5	24·7	9·4	142·8	56·6	48·4	13·1	N	N	ENE	Calm	70
16	·039	·942	77·2	84·2	85·0	61·5	23·5	9·3	142·5	57·5	48·6	12·9	ENE	?	ENE	Calm	67
17	·057	·962	76·3	82·5	83·6	59·5	24·1	9·3	141·1	57·5	47·9	11·6	N	NE	NE	Calm	84
18	·058	·969	76·2	82·2	83·4	57·8	25·6	9·3	142·0	58·6	43·7	14·1	N	NNE	N	Calm	77
19	·064	·954	74·4	83·6	84·4	57·3	27·1	9·4	140·6	56·2	45·2	12·1	NNW	NNW	SSW	SSE	81
20	·056	·935	76·1	82·1	84·4	58·9	25·5	8·1	141·6	57·2	47·7	11·2	N	NNW	SSW	SSE	87
21	·092	·958	76·3	82·5	84·6	61·1	23·5	8·3	151·6	67·0	47·9	13·2	NNE	ENE	ENE	ESE	64
22	·103	·977	76·3	82·2	84·2	60·6	23·6	9·3	142·8	58·6	48·9	11·7	N	NE	ENE	Calm	74
23	·142	·996	76·9	82·2	83·5	61·2	22·3	9·1	141·6	58·1	50·6	10·6	NNW	NNE	ENE	Calm	77
24	·107	·975	75·4	81·4	82·4	60·3	22·1	9·3	139·8	57·4	47·7	12·6	NNW	N	NE	ENE	86
25	·093	·957	73·2	81·0	82·2	57·5	24·7	9·4	139·0	56·8	42·7	14·8	N	NNE	NE	Calm	66
26	·055	·927	73·5	81·1	82·0	56·6	25·4	9·4	140·1	58·1	43·5	13·1	NNW	N	ENE	Calm	81
27	·063	·945	73·4	80·2	81·4	56·7	24·7	9·6	138·8	57·4	43·6	13·1	N	NNE	ENE	Calm	91
28	·057	·947	73·6	81·0	82·0	54·8	27·2	9·4	138·9	56·9	40·9	13·9	NNW	ENE	ENE	Calm	90
29	·079	·950	74·0	80·6	81·6	56·6	25·0	9·5	139·4	57·8	44·4	12·2	NNW	NNE	NE	ENE	95
30	·055	·900	75·0	79·7	82·3	57·3	25·0	9·1	140·3	58·0	44·5	12·8	NNW	NNE	E	Calm	78
Mean	29·033	28·912	76·3	82·1	83·9	61·0	22·8	Total 247·1	142·4	58·5	49·5	11·6	...	...	...	...	98

Date.	Temperature of Evaporation.			Computed Vapour Tension.			Relative Humidity.			Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From Minimum.		10 hours.	16 hours.	10 A.M.	4 P.M.
1	63·1	67·6	50·6	·384	·462	·272	39	39	55	*Nil*	1	2	C. *b.*⌓	C. *b.*
2	66·1	67·2	51·1	·487	·441	·288	49	36	59	„	2	4	C. *c.*⌓	C. Ck. *c.*
3	69·3	67·8	55·9	·575	·462	·369	54	38	65	„	2	2	Cs. *c.*⌓	C. Ck. *c.*
4	71·0	69·4	59·3	·621	·499	·421	57	39	65	„	4	3	C. *c.*	C. K. *c.*
5	70·9	68·2	61·5	·619	·481	·475	57	39	72	„	6	3	Cs. K. *c.*	Cs. K. *c.*
6	69·2	70·4	60·8	·588	·600	·467	58	55	72	„	7	10	C. Pc. *c*	Pc. K. Pk. *o. d.*
7	72·5	70·4	68·6	·773	·735	·667	90	96	87	0·57	10	10	P. Pk. *o. d. r.*	P. *o. r.*
8	70·9	73·8	68·0	·746	·803	·668	95	89	92	1·95	10	10	P. *o. d. r.*	Pc. P. Pk. *o. g.*
9	72·8	73·4	69·2	·775	·748	·691	87	74	90	0·01	10	7	P. Pk. *o. g.*	Pc. K. Pk. *c.*
10	64·1	64·5	59·0	·444	·388	·435	48	36	72	*Nil*	1	1	C. *b.*	C. *b.*
11	62·7	63·3	54·9	·425	·353	·390	50	32	79	„	1	1	C. *b.*⌓	C. *b.*
12	60·7	63·1	52·9	·352	·347	·341	40	32	71	„	3	4	Cs. *c.*⌓	Cs. *c.*
13	64·9	65·3	55·9	·475	·389	·397	52	33	76	„	1	2	C. *c.*⌓	Pc. *c.*
14	66·7	67·1	56·7	·525	·435	·411	56	35	78	„	0	0	*b.*⌓	*b.*
15	67·4	67·9	58·3	·540	·467	·449	56	38	82	„	0	0	*b.*⌓	*b.*
16	66·0	66·3	58·6	·501	·424	·457	53	35	83	„	0	0	*b.*⌓	*b.*
17	63·1	64·1	56·8	·415	·370	·431	45	33	84	„	0	0	*b.*⌓	*b.*
18	62·7	64·1	54·3	·402	·374	·380	44	34	79	„	0	0	*b.*⌓	*b.*
19	63·2	65·9	53·9	·442	·418	·374	51	36	79	„	0	0	*b.*⌓	*b.*
20	65·1	66·3	55·9	·483	·450	·411	53	40	82	„	2	4	Ck. *b. c.*⌓	Pc. K. *c.*
21	67·3	65·5	58·1	·558	·418	·448	61	38	83	„	1	4	C. *b. c.*⌓	Pc. K. *c.*
22	65·9	64·7	57·0	·508	·394	·422	55	36	80	„	0	3	*b.*⌓	Pc. K. *c.*
23	65·6	65·5	57·4	·490	·422	·426	52	39	79	„	0	3	*b.*⌓	Pc. Ck. *b. c.*
24	64·2	64·4	56·8	·462	·394	·420	52	36	80	„	0	0	*b.*⌓	*b.*
25	63·0	64·2	54·9	·450	·392	·400	55	36	85	„	0	0	*b.*⌓	*b.*
26	63·4	64·4	53·6	·459	·398	·376	56	37	82	„	0	0	*b.*⌓	*b.*
27	63·7	64·2	53·9	·471	·402	·382	57	39	83	„	0	0	*b.*⌓	*b.*
28	63·2	64·1	52·4	·451	·389	·365	54	36	84	„	0	1	*b.*⌓	C. *b.*
29	63·1	64·1	53·3	·443	·394	·368	52	37	80	„	0	0	*b.*⌓	*b.*
30	64·4	64·6	53·9	·474	·422	·374	54	42	79	„	2	3	Cs. *b. c.*⌓	Cs. *c.*
Mean	65·9	66·4	57·1	·511	·456	·426	56	42	78	Total 2·53	2·1	2·6	...	...

NAGPUR—DECEMBER 1890.

DATE.	BAROMETER REDUCED TO 32°.		TEMPERATURE OF AIR.					TEMPERATURE OF RADIATION.					WIND.				
													Direction.				Velocity.
	10 hours.	16 hours.	10 hours.	16 hours.	Maximum.	Minimum.	Range.	Hours, bright Sunshine.	Sun.	Difference, Sun and Shade.	Nocturnal on Woollen pad.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	28·975	28·846	73·4	80·2	81·0	56·0	25·0	9·0	138·6	57·6	44·2	11·8	NNW	NNE	NE	Calm	95
2	·987	·856	73·0	79·9	81·2	56·3	24·9	8·9	140·2	59·0	41·9	14·4	N	NNE	ENE	ENE	75
3	29·035	·898	73·4	80·2	81·0	56·3	24·7	8·8	140·0	59·0	42·1	14·2	NNW	NE	E	NE	114
4	·031	·926	74·4	81·2	82·2	55·3	26·9	8·9	139·3	57·1	44·4	10·9	NNW	NE	NE	NE	109
5	·017	·912	70·2	75·2	77·3	61·8	15·5	0·6	135·8	58·5	52·2	9·6	N	NNE	ESE	Calm	60
6	·002	·864	75·4	79·2	80·2	62·3	17·9	4·1	134·8	54·6	51·9	10·4	NNW	E	ESE	ESE	69
7	·018	·899	75·4	77·5	79·8	66·0	13·8	0·4	116·2	36·4	56·0	10·0	N	NNE	NE	Calm	40
8	·021	·919	77·1	81·2	84·0	66·0	18·0	6·5	144·8	60·8	59·1	6·9	NNE	ESE	ESE	NNW	100
9	·034	·890	74·2	82·2	83·7	64·3	19·4	6·5	147·6	63·9	56·8	7·5	N	NNW	S	SSE	81
10	·005	·864	78·1	71·8	83·3	64·2	19·1	6·8	145·4	62·1	55·3	8·9	SSE	SSW	S	W	97
11	28·969	·827	73·6	82·4	83·5	62·1	21·4	9·1	141·4	57·9	51·9	10·2	SSW	NE	SW	SE	70
12	·977	·878	70·2	69·2	82·1	65·1	17·0	4·2	140·6	58·5	59·2	5·9	S	W	SSE	NNW	102
13	·974	·824	71·5	77·2	80·4	62·5	17·9	8·4	142·8	62·4	56·5	6·0	NNW	NNW	NE	NE	61
14	·960	·866	69·4	78·3	79·5	59·3	20·2	9·1	136·3	56·8	50·4	8·9	NNE	N	N	NNE	74
15	29·035	·894	71·4	79·7	80·8	58·3	22·5	9·0	135·6	54·8	45·9	12·4	NNE	NE	SE	ENE	92
16	·016	·885	74·1	81·2	83·1	62·3	20·8	8·9	140·9	57·8	52·7	8·6	NE	E	S	SE	126
17	·053	·941	73·4	77·2	79·2	62·6	16·6	5·8	135·1	55·9	54·5	8·1	N	NNE	SSE	ESE	62
18	·057	·931	73·0	70·2	77·4	64·5	12·9	4·7	136·8	59·4	58·0	6·5	N	ESE	SE	SSW	89
19	·085	·960	75·2	78·2	81·2	66·0	15·2	6·9	139·9	58·7	60·4	5·6	NW	ENE	SSE	N	77
20	·080	·936	75·0	81·2	82·2	63·3	18·9	9·2	136·8	54·6	54·5	8·8	N	ENE	SSE	SSE	77
21	·065	·920	75·2	83·0	84·4	63·4	21·0	8·8	141·6	57·2	52·7	10·7	SSE	SSE	S	SSW	74
22	·060	·901	76·0	82·2	83·2	63·3	19·9	9·1	141·5	58·3	54·2	9·1	NW	NNE	NNE	NNE	65
23	·094	·980	71·3	79·6	81·2	59·4	21·8	8·4	135·9	54·7	49·6	9·8	N	ENE	ENE	Calm	57
24	·148	29·031	73·3	80·0	81·3	59·3	22·0	9·0	137·9	56·6	48·5	10·8	NE	NNE	ENE	Calm	51
25	·129	·002	73·2	80·2	81·2	58·6	22·6	8·2	138·0	56·8	47·7	10·9	NNE	NE	ESE	ESE	42
26	·080	28·923	74·0	81·5	83·2	58·5	24·7	9·2	138·6	55·4	46·2	12·3	NNE	Calm	NE	Calm	36
27	·071	·949	74·6	82·2	83·2	59·3	23·9	9·2	137·4	54·2	47·1	12·2	NNW	N	S	SE	70
28	·108	·985	76·2	81·4	82·6	58·3	24·3	8·4	140·9	58·3	46·1	12·2	Calm	N	ENE	Calm	34
29	·086	·963	73·5	82·2	84·0	58·5	25·5	7·5	140·0	56·0	45·1	13·4	NNW	NNW	NW	Calm	42
30	·111	·967	73·5	79·6	81·5	55·6	25·9	8·7	141·0	59·5	41·9	13·7	NNE	N	N	N	56
31	·090	·982	68·5	75·9	78·2	54·2	24·0	8·1	143·8	65·6	40·9	13·3	NNW	N	NE	NE	99
Mean	29·044	28·917	73·6	79·1	81·5	60·7	20·8	Total 230·4	138·9	57·4	50·6	10·1	...	...	...	...	74

DATE.	TEMPERATURE OF EVAPORATION.			COMPUTED VAPOUR TENSION.			RELATIVE HUMIDITY.			Rainfall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	10 hours.	16 hours.	Minimum.	10 hours.	16 hours.	From Minimum.	10 hours.	16 hours.	From *Minimum.*		10 hours.	16 hours.	10 A.M.	4 P.M.
1	63·1	64·1	52·1	·450	·399	·343	55	39	76	*Nil*	3	3	Cs. *c.*⌓	Cs. *c.*
2	62·5	62·9	53·0	·436	·363	·363	54	36	80	,,	4	3	Cs. *c.*⌓	Cs. *c.*
3	62·8	63·1	52·9	·441	·366	·360	54	36	79	,,	2	4	Cs. *c.*⌓	Cs. *c.*
4	63·4	66·4	52·1	·448	·464	·352	52	43	80	,,	6	3	Cs. *c.*⌓	Cs. C. *c.*
5	61·4	66·7	57·3	·436	·550	·416	59	63	75	,,	9	10	P. Pc. *c. g.*	P. Pc. *o. g.*
6	67·2	65·4	59·6	·566	·455	·479	64	45	85	,,	6	9	Pc. C. c.	Pc. K. Pk. *c. g.*
7	65·5	66·7	60·5	·506	·521	·461	57	56	72	,,	10	10	P. Pc. K. *o.*	P. Pc. K. *o.*
8	69·0	70·1	62·1	·609	·598	·510	66	56	79	,,	3	9	C. Pc. K. *c.*	Pc. K. Pk. *c. g. t.* <
9	67·9	70·4	61·9	·605	·597	·525	72	54	86	,,	10	3	Pc. K. *o.*	Pc. K. *c.*
10	72·1	67·1	62·1	·714	·607	·533	74	78	89	0·32	5	10	Pc. K. *c.*	Pc. K. P. Pk. *o., r.* ⛈
11	67·3	71·7	60·1	·591	·644	·496	71	58	89	0·02	0	3	*b.*	Pc. K. *c.*
12	68·3	66·2	62·8	·669	·608	·544	90	85	88	0·65	9	10	Pc. K. Pk. *g. d.*	P. Pk. *o. t.* < ⁄ *r. g.*
13	68·6	70·9	60·8	·664	·678	·513	86	73	91	*Nil*	5	5	Pc. K. c.	Pc. K. Pk. *c.*
14	62·7	66·0	56·7	·488	·487	·430	68	50	85	,,	1	1	Pc. K. *b.*⌓	C. *b.*
15	61·2	68·4	53·7	·416	·554	·358	54	54	74	,,	0	2	*b.*	Pc. K. *c.*
16	67·4	70·4	60·0	·589	·609	·490	69	57	87	,,	4	4	Pc. K. *c.*	Pc. K. Pk. *c.*
17	69·0	69·9	61·1	·655	·640	·521	79	69	92	0·31	5	5	Pc. K. *c.*	Pc. K. Pk. *c. t. lr.*
18	68·4	67·6	62·3	·639	·645	·536	79	88	88	1·32	4	9	Pc. K. *c.*	Pc. P. Pk. *g., t. lr.*
19	69·2	70·1	63·9	·640	·635	·574	73	66	89	*Nil*	3	7	C. *b.*	Pc. K. Pk. *b.*
20	69·7	69·1	61·6	·661	·561	·528	76	53	91	,,	1	2	C. *b.*⌓	Pc. K. *c.*
21	71·7	71·2	61·5	·734	·617	·524	84	54	89	,,	1	5	C. *c. b.* ⌓	Pc. K. Pk. *c.*
22	66·7	68·1	59·6	·540	·512	·467	60	47	80	,,	1	3	Cs. *c. b.*⌓	Pc. K. *c.*
23	63·7	67·5	56·8	·497	·524	·432	65	52	85	,,	2	6	Cs. *c.*⌓	Cs. Pc. *c.*
24	64·9	65·9	56·8	·512	·463	·433	62	45	85	,,	3	4	Cs. *c.*⌓	Cs. *c.*
25	64·1	63·4	56·3	·486	·375	·426	60	36	86	,,	5	6	Cs. *c.*⌓	Cs. *c.*
26	64·1	66·5	55·9	·476	·464	·416	56	43	85	,,	1	1	C. *b.*⌓	C. *b.*
27	66·5	66·9	56·8	·551	·469	·433	65	42	85	,,	0	1	*b.*⌓	Ck. *c. b.*
28	64·4	67·0	56·0	·458	·483	·421	50	45	86	,,	1	5	C. *b.*⌓	C. Pc. *c.*
29	64·7	66·7	55·9	·503	·462	·416	61	42	85	,,	3	5	C. Pc. *c.*⌓	C. Pc. *c.*
30	60·7	61·6	51·7	·373	·325	·337	45	32	76	,,	4	6	Cs. *c.*⌓	C. Pc. *c.*
31	55·6	58·9	47·7	·283	·288	·251	41	32	60	,,	5	6	Cs. *c.*⌓	Cs. *c.*
Mean	65·6	67·0	57·8	·537	·515	·448	65	53	83	Total 2·62	3·7	5·2	...	...

Hours.	JANUARY.									FEBRUARY.									MARCH.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	48	30	3	1	0	3	3	16	1	Record not available.									32	11·5	9	13	8·5	3·5	5·5	38	1
1 to 2	66	26·5	1	1	0	1	1	19·5	0										45·5	21	9·5	10·5	5	0·5	8	40	1
2 to 3	74	26	0	0	0	1	3	19	1										47·5	25·5	12·5	8	0	8·5	11·5	48·5	1
3 to 4	101	18·5	0	0	0	3	3	5·5	0										42	18	25·5	4	0	0·5	3	46	1
4 to 5	97·5	14·5	0	1	1	1	0	9	0										28·5	21	26·5	2	0	1	4	28	3
5 to 6	91·5	14	0	0	1	0	0	10·5	1										34	33	14·5	13	0	0	4	31·5	0
6 to 7	88	13·5	0	0	0	0	3	15·5	2										39·5	23·5	14	23	3	0	2	26	0
7 to 8	74	21	0	0	0	0	0	7	3										45	26	22	18·5	10	1	2·5	23	0
8 to 9	54·5	33·5	0	0	0	0	0	9	2										53	16	20	39	13·5	7·5	5·5	31·5	0
9 to 10	40·5	61	17·5	0	0	0	0	10	0										56	30	21	43·5	27	3·5	5	18	0
10 to 11	18	67	20·5	8	0	0	1·5	12	0										41	19·5	19	29	34·5	13·5	17·5	18	0
11 to noon	27·5	27·5	39·5	19	14·5	18·5	7	13·5	1										23	13	8	29·5	56	54	13·5	37	0
Noon to 13	31·5	29·5	26	6	13·5	9·5	20	17	0										27	6	4	44·5	43·5	43	60·5	33·5	0
13 to 14	26·5	25	21	19	4·5	14	17·5	17·5	0										4	3·5	7	30·5	74	76·5	78·5	39	0
14 to 15	34	18·5	13	9·5	5	4	25	29	0										11·5	5	6	0	81	73·5	89	60	0
15 to 16	25	22	17	8·5	8·5	6·5	15	25·5	0										4	2	13	0	61	101	124·5	29·5	0
16 to 17	20	10	28	19·5	11·5	6·5	9·5	13	0										3	4	0	1·5	40·5	65	196	11	0
17 to 18	4	12	23	24	5	3	5	9	3										0·5	0·5	1	15	29	50·5	131·5	35	0
18 to 19	11·5	11	35	37·5	4·5	1·5	4·5	7·5	1										4·5	4·5	4	19·5	24·5	18·5	62·5	31	1
19 to 20	6	1	28	28	8·5	2·5	3	7	4										7·5	7·5	14	15	42·5	16·5	43	38	1
20 to 21	10·5	14	12	12	5·5	4·5	4	6·5	7										8	15	5	30·5	40	21	29·5	59	1
21 to 22	24·5	11·5	13·5	13	6	4·5	2	9	4										25·5	14·5	15·5	11	28	7	13·5	61	1
22 to 23	39·5	40	6	10	2·5	6	1·5	5·5	1										29·5	16	16·5	10	13	17	14·5	41·5	0
23 to midn.	53	32	6	2·5	2·5	1	4	12	2										37	8	8·5	23	3·5	25·5	10·5	45	0

Hours.	APRIL.									MAY.									JUNE.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1 .	22·5	3·5	2·5	35·5	26·5	16	10	23·5	0	14	1	0	0	21	1	34·5	71·5	5	17·5	5·5	6	14·5	23	69·5	55	15	1
1 to 2 .	29	6	9	8·5	14	23	4	21·5	4	29·5	1	1	0	2	7	22	90·5	4	36	3	9·5	15	20	97	37·5	18	0
2 to 3 .	25	13	7	12·5	12	30	5·5	33	0	19·5	1·5	1	0	3	12	32·5	97·5	3	17	8·5	0·5	14·5	34·5	99·5	70	21·5	0
3 to 4 .	30·5	7·5	7·5	12·5	7·5	28·5	4	30	2	16·5	0	1	0	1	14	16	154·5	0	12·5	12	0	1	37·5	85·5	91	15·5	0
4 to 5 .	26·5	16	12	11·5	3	39	5·5	22·5	1	17·5	0	2·5	2·5	4	4	18	150·5	3	4·5	0	16·5	3·5	21	115	70	11·5	0
5 to 6 .	30·5	4	4	7·5	7	13	31·5	18·5	1	50	0	0	5	1	3·5	12·5	134	3	0	0	0	11	39·5	102	93·5	12	2
6 to 7 .	38·5	8	4·5	15·5	0	23	20	12·5	2	42·5	3·5	0	0	11	0	21·5	155·5	2	0	0	0	11	43	130	90·5	22·5	1
7 to 8 .	29·5	13·5	7·5	33·5	8	32·5	24	10·5	0	98·5	1	0	0	9	9	19	237·5	3	6	0	0	8·5	39·5	132	101·5	45·5	0
8 to 9 .	34·5	20	37	9·5	46·5	76·5	28·5	18·5	0	141	9·5	0	0	9·5	9·5	21	262·5	1	4	0	0	6·5	32	117·5	156	69	0
9 to 10 .	36·5	31	29	4·5	38·5	117·5	31·5	8·5	0	106	35·5	0	0	0·5	21·5	19	223·5	0	0	0	7·5	7·5	17	95·5	131	95·5	0
10 to 11 .	32	30	31	8	17·5	61·5	55	37	0	62·5	26·5	12·5	0	9	10·5	19	142	0	9	0	0	9	14	117	130·5	93·5	0
11 to noon .	27	29	23	13	22	75	29	25	0	59·5	28	6	0	0	15	59	97·5	0	3·5	0	0	3·5	24	83	174·5	79.5	0
Noon to 13 .	30	13·5	16·5	17·5	20	38·5	47	49	0	34	20·5	8	0	0	0	80	120·5	0	3·5	0	0	3·5	15	65·5	162	85·5	0
13 to 14 .	36	12·5	14	45·5	26	14·5	63	27·5	0	49	7	0	6	0	3	57·5	129·5	0	4·5	7	11·5	15·5	12·5	92	138	91	0
14 to 15 .	47	8	8	38	15·5	8·5	45	52	0	56	7	0	0	25	4·5	81·5	105	0	13	0	0	13	16	126	131·5	76·5	0
15 to 16 .	31	9·5	17·5	26	31	37	58	25	0	48·5	3·5	0	4	18	6	59	158	0	6·5	0	0	14	18	107	175	72·5	0
16 to 17 .	8	0	15·5	56	28·5	12·5	41·5	54	0	50	1·5	2	0	0	9	97	142·5	0	16	4	11·5	24	30	81·5	160	55	0
17 to 18 .	16·5	1·5	50·5	6	5·5	18·5	28·5	43	1	35·5	4	0	0	0	22	103	122·5	0	21	18·5	7	10	49	87	116	43·5	0
18 to 19 .	9·5	18	22·5	11	34·5	5	19·5	21	1	33	7·5	1·5	17·5	0	17	29	100·5	1	15·5	11	19	19·5	47	57·5	84·5	41	0
19 to 20 .	17·5	3	8·5	23·5	23·5	37	14·5	22·5	2	29·5	8·5	2·5	0	12·5	16·5	20·5	58	5	4·5	3	8	33	43·5	11·6	48·5	26·5	0
20 to 21 .	17·5	1·5	23	8	18	25·5	4·5	24	4	20·5	5	0	0	11·5	12·5	26·5	54	4	6·5	0·5	1	20·5	35	105	69	24·5	1
21 to 22 .	11	5·5	35	14·5	7·5	23	14	19·5	4	21·5	3	1·5	4	0	19	24·5	56·5	3	7	6·5	5·5	18·5	37·5	100	61·5	23·5	0
22 to 23 .	23·5	4·5	4·5	4·5	20	19·5	8·5	24	3	26	2	2	4	6	15	24	68	2	32·5	10·5	0	14·5	44·5	97	46·5	16·5	0
23 to midn. .	13	7·5	3·5	18·5	9	6·5	13·5	24·5	3	19	3	0	10	0	13	24	74	3	16	26	28	21·5	33·5	82	54	26	0

Hours.	JULY.									AUGUST.									SEPTEMBER.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1 .	15	0	0	0	11	151·5	81·5	6	0	2·5	8·5	3	2·5	3	42·5	91	14	2	11·5	6	3·5	1	7	26	36·5	64·5	1
1 to 2 .	0	0	0	0	21	126·5	104·5	8	0	5·5	0·5	2·5	1·5	0	32	72	33	3	16	5·5	2	2	6	23·5	46·5	56·5	0
2 to 3 .	0	0	0	0	46·5	118·0	104·5	14	0	2	1	4	4	0	32	88	38	2	23·5	8	1	2	6·5	62·5	44·5	63	0
3 to 4 .	0	0	0	0	18·5	147·0	107·5	4	0	4	2	3	1	3	29	73·5	42·5	3	19	7·5	1	0	5	20·5	61	65	0
4 to 5 .	0	0	0	0	10	140·5	110·5	...	0	3·5	1·5	2·5	1·5	3	34·5	71·5	38	2	18·5	7	1	0	0	21·5	62·5	64·5	2
5 to 6 .	0	0	0	0	9·5	137·0	111	7·5	0	5	0	4	2	4·5	35	81	30·5	3	14	1·5	3	0	0	19·5	55·5	81·5	0
6 to 7 .	0	0	0	0	9·5	129	149·5	...	0	0	0	2	0	1·5	34	91·5	38	3	21	0·5	2	0	0	24·5	55·5	66·5	0
7 to 8 .	0	0	0	0	10·5	168	201·5	6	0	5	0	0	0	2	25	166	49	1	47·5	1	0	0	2	22·5	67	76	0
8 to 9 .	3	0	0	0	15	151·5	259	17·5	0	6	0	1	0	0	25·5	171	111·5	0	25·5	11·5	0	0	6	19	79·5	128·5	0
9 to 10 .	2·5	0	0	0	10	118	290·5	13	0	0	0	5	0	0	37·5	164·5	145	0	21·5	13	4·5	2·5	7·5	25	90	105	0
10 to 11 .	0	0	0	0	10	93·5	315·5	11	0	0	0	0	0	0	40	159·5	136·5	0	13	20	9·5	0	9·5	25·5	97·5	82	0
11 to noon .	0	0	0	0	10	97·5	332·5	24	0	9	0	0	0	4	25·5	184	110·5	0	35	20·5	7·5	0	8	20	76	85	0
Noon to 13 .	0	0	0	0	17	94·5	337·5	15	0	5	3	0	0	13	51·5	171·5	89	1	25·5	25	9	0	12·5	27	91·5	70·5	0
13 to 14 .	4	0	0	0	30	99	332	27	0	0·5	0·5	0	3	3·5	56·5	165	98	0	24·5	31·5	20·5	10	10	47·5	75	60	0
14 to 15 .	0	0	0	0	32	138·5	253	28·5	0	20	2·5	0	0	18	54·5	167·5	73·5	0	39	33	9·5	5·5	33	22·5	83·5	68	0
15 to 16 .	0	0	0	0	22	155	222·5	59·5	0	16	2·5	0	0	34	52·5	154·5	65·5	0	32·5	17·5	17	11	8	35	93·5	58·5	0
16 to 17 .	2	2	0	0	26·5	136·5	212·5	57·5	0	16·5	1·5	0	0	17	44	140	67	0	33	31	11·5	3·5	6·5	36·5	62	51	1
17 to 18 .	0·5	0·5	0	0	25	134·5	173·5	27	0	30·5	8·5	0	0	1	50	84	65	0	28·5	14·5	17	10	2	28·5	40	46·5	1
18 to 19 .	0	0	0	0	28·5	104	137·5	20	0	17	3·5	0	9	0	24	79	46·5	1	32·5	9	4	0·5	1	16·5	22	57·5	1
19 to 20 .	0	0	0	0	45·5	111·5	94	8	0	15	5	6	3	0	14·5	67	53·5	2	36·5	17·5	9	2·5	4·5	13	28	49	0
20 to 21 .	0	0	0	0	49·5	136·5	90	...	0	11·5	7	8·5	0·5	4·5	19·5	66·5	36·0	2	18·5	18	8·5	7	8·5	34·5	31·5	36·5	0
21 to 22 .	0	0	0	0	25·5	145·0	88	7·5	0	4·5	1·5	10·5	4·5	2	31	52·5	35·5	3	17	6·5	8·5	10·5	9·5	13	34	47	0
22 to 23 .	0	?	0	3	43·5	138	78	12·5	0	0·5	6·5	5·5	5·0	4·5	32·5	60·5	30	3	9	7	12	6	10	27	30	46	0
23 to midn. .	0	0	0	0·5	16·5	156	91·5	13·5	0	1	1	7	3	26·5	27	65·5	21	2	12	10·5	2·5	2	19	21	33·5	64·5	1

BY BECKLEY'S ANEMOGRAPH, AT NAGPUR, IN 1890.

Hours.	October.									November.									December.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1 . .	76	28	5	0·5	2	1·5	0	15	0	61·5	33·5	17·5	4·5	1	1	0	16	0	34·5	12	6	2·5	7	0	0	9	2
1 to 2 . .	90	22	0·5	1	2	1	0	9·5	1	63·5	35	13	2	2	2	0	19·5	0	51·5	12	3·5	2·5	3	0	0	19·5	1
2 to 3 . .	97	19	1	2	3	1	0	12	1	75	34	9·5	0	0	2	0	27·5	0	69·5	13	1	4	7	0	0	19·5	1
3 to 4 . .	85	15·5	0	2·5	3·5	1	0	30·5	0	80·5	26·5	9	0	0	2	0	35	0	48·0	13·5	0	4	9·5	1·5	0	26·5	1
4 to 5 . .	82·5	7·5	0	2	3·5	1·5	0	34	1	64	24	8	0	0	3	0	36	0	44·5	7·5	0	0	3	0	1	22	5
5 to 6 . .	85	9	0	3	4	1	0	45	0	64·5	31	6	0	0	3	0	27·5	0	43	5·5	0	2	6	0	2	15·5	7
6 to 7 . .	81	3	0	2·5	2·5	0	3	39	0	60	35·5	1·5	0	0	4	0	29	0	38	7	0	1	3	14	0	23	8
7 to 8 . .	78·5	1	0	0	0	8	0	47·5	0	52	34	2	0	0	7	0	16	0	35·5	7	3·5	3	1	4	0	16	2
8 to 9 . .	111	6·5	2·5	0	0	0	0	33	0	64	47	0	3	3	0	0	13	1	52·5	23·5	8	3	1	0	1	4	1
9 to 10 . .	85·5	39·5	2	7	0	0	5·5	22·5	0	36	63·5	18·5	0	0	0	0	3	0	26·5	39·5	19	5·5	1	1	2	1·5	0
10 to 11 . .	58	54·5	8·5	8·5	0	4	1	19·5	0	28	44	44	1·5	4	11	0	0·5	0	20	31	24	16	4	4	4	1	0
11 to noon . .	59·5	70	14	11	4	6·5	5·5	18·5	0	17·5	59·5	53·5	8·5	2·5	2·5	10	2·	0	9·5	30·5	38	31·5	15·5	7	3	0	1
Noon to 13 . .	72·5	52	6·5	2	2	20·5	22·5	28·5	0	13·5	63	53·5	12·5	6·5	0	6	1	0	6	35·5	30	21·5	33	18	0	0	0
13 to 14 . .	112·5	50·5	0	3·5	1·5	5·5	12·5	27	0	26·5	58·5	48·5	6·5	4	0	4	5	0	13	30·5	17·5	28·5	35	7·5	2·5	5·5	0
14 to 15 . .	99·5	71	3	6·5	1·5	2	8	22·5	0	25	56	47·5	3	1·5	4·5	1	8·5	0	23	32	15·5	41	26·5	11	0	1	0
15 to 16 . .	91	68	1	1	1	4	8	37	0	24	67	39	1	2	2	0	3	0	6	25	19·5	27	53·5	5	0	2	0
16 to 17 . .	83	55·5	4·5	3	7	5·5	17·5	25	0	16·5	46	42·5	1	6	0	0	3	0	10	24	15·5	19·5	29	0	0	6	5
17 to 18 . .	50	37	7	3·5	8	7	7	13·5	0	16·5	44	28·5	11	5	0	0	0	0	0·5	23	18·5	20	15	0	0	0	5
18 to 19 . .	51·5	29·5	7	3	1	2·5	6·5	19	0	7·5	43·5	39·5	16·5	2	2	0	0	1	2·5	19·5	25·5	21	21	0·5	0	0	2
19 to 20 . .	37	44·5	14·5	12	0·5	0	0	6·5	0	7	33	31·5	13·5	0	4	0	0	3	3·5	18·5	21·5	18·5	17	0	1	3	3
20 to 21 . .	45	32·5	5·5	4·5	0·5	0	0	6	1	9	28·5	18·5	5·5	1·5	3	0	0	8	9	24·5	13·5	6·5	3·5	5	0·5	0·5	4
21 to 22 . .	37	39·5	4	3·5	2	0	0	5	0	12	27·5	10	2·5	2	3	0	0	12	9	24	5	10·5	3·5	2	5	2	8
22 to 23 . .	40	24	6·5	5	2·5	0	0	13	1	16	27	22·5	1·5	...	3	0	0	9	17·5	24	7·5	0·5	3	1	4	5·5	6
23 to midn. . .	54	30·5	4·5	3	1	0	0	12	1	39·5	34	19	6	1	2	0	2·5	3	29·5	15	7·5	3	7·5	1	4·5	9	4

BOMBAY—

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·887	29·950	29·816	29·899	29·877	71·9	76·3	81·7	74·0	77·4	86·9	70·9	16·0	139·8	52·9	56·3	14·6	NE	ENE	NW	N	214
2	·881	·971	·866	·955	·910	70·4	74·7	82·1	73·8	76·8	85·3	69·8	15·5	138·8	53·5	55·1	14·7	E	ENE	WNW	N	204
3	·962	30·031	·893	·958	·951	69·5	75·1	81·2	73·4	76·1	83·4	68·4	15·0	135·4	52·0	54·8	13·6	NE	ENE	NW	N	231
4	·923	29·994	·875	·951	·925	70·3	75·4	80·5	72·6	76·2	84·7	68·1	16·6	138·9	54·2	52·2	15·9	ENE	ENE	NNW	NNE	238
5	·913	·968	·852	·934	·906	68·9	74·7	80·2	72·0	75·2	83·1	67·8	15·3	137·4	54·3	51·2	16·6	ENE	E	WNW	NNW	202
6	·922	30·006	·873	·960	·929	68·4	74·7	81·0	71·4	75·5	85·0	67·5	17·5	136·8	51·8	52·9	14·6	E	E	WNW	N	220
7	·968	·037	·905	·990	·965	69·9	74·8	81·2	74·0	76·4	85·1	69·0	16·1	136·2	51·1	53·2	15·8	ENE	E	W	N	175
8	·961	·014	·869	·954	·937	70·2	74·6	82·2	73·7	76·6	83·8	69·0	14·8	136·5	52·7	55·4	13·6	NE	ENE	WNW	NNE	212
9	·931	·001	·880	·956	·933	69·7	75·3	82·4	74·4	77·6	87·6	68·3	19·3	139·6	52·0	53·1	15·2	ENE	ENE	WNW	NNE	205
10	·906	29·962	·834	·919	·895	70·0	74·7	80·7	73·1	76·0	84·6	68·1	16·5	135·7	51·1	52·6	15·5	ENE	ENE	WNW	ENE	196
11	·872	·953	·831	·903	·882	70·3	73·8	80·7	72·7	75·7	83·2	68·9	14·3	133·8	50·6	54·3	14·6	ENE	E	NW	N	215
12	·881	·948	·838	·904	·883	69·0	74·2	81·4	73·4	76·1	84·5	67·6	16·9	137·2	52·7	54·0	13·6	NNE	ENE	NW	NNW	207
13	·904	·961	·822	·909	·888	70·6	76·0	82·3	76·0	77·7	87·6	69·0	18·6	139·6	52·0	54·9	14·1	NE	ENE	NW	NNE	220
14	·887	·959	·825	·920	·886	71·8	77·6	82·9	74·2	78·8	89·5	70·2	19·3	140·7	51·2	57·7	12·5	ENE	ENE	WNW	N	249
15	·888	·956	·827	·911	·885	71·5	76·0	82·0	73·9	77·5	86·4	70·8	15·6	138·9	52·5	56·5	14·3	ENE	ENE	WNW	NNW	247
16	·902	·960	·841	·934	·901	71·4	76·0	82·3	75·2	77·4	84·7	70·2	14·5	136·2	51·5	56·8	13·4	ENE	E	W	ENE	149
17	·909	·977	·855	·950	·912	70·5	75·1	81·4	75·1	77·1	84·7	69·8	14·9	132·8	48·1	?	?	ENE	E	W	NNE	167
18	·935	30·001	·890	·941	·933	70·7	75·1	81·4	74·7	76·5	82·6	69·6	13·0	132·8	50·2	?	?	NE.	E	WNW	N	190
19	·904	29·984	·849	·923	·904	70·5	75·4	81·4	75·1	76·8	84·2	69·6	14·6	137·3	53·1	56·9*	12·7	NNE	ENE	WNW	N	186
20	·896	·973	·835	·893	·889	71·1	76·0	81·3	75·8	77·2	84·4	68·0	16·4	133·9	49·5	55·6	12·4	N	ENE	NW	NNW	234
21	·891	·984	·890	·964	·925	68·7	76·2	79·4	72·7	75·3	83·3	67·9	15·4	134·8	51·5	52·9	15·0	N	N	NNW	NNW	263
22	·943	30·014	·876	·937	·934	67·4	75·3	79·0	71·2	74·3	82·4	65·6	16·8	133·2	50·8	50·5	15·1	N	N	NNW	NNW	278
23	·923	29·989	·882	·936	·926	71·3	75·4	77·4	74·3	75·3	81·6	67·6	14·0	133·5	51·9	55·1	12·5	NNE	NNE	NW	WNW	279
24	·912	·988	·877	·918	·917	72·3	75·4	76·3	70·2	74·2	81·4	71·1	10·3	130·8	49·4	62·5	8·6	NNE	NNW	NNW	NNE	272
25	·899	·963	·830	·906	·889	67·3	72·0	77·9	71·5	73·4	79·9	66·0	13·9	133·1	53·2	53·9	12·1	NNE	NE	NW	NNE	274
26	·874	·942	·821	·895	·873	67·4	73·2	82·6	72·9	76·0	86·4	65·8	20·6	138·8	52·4	51·2	14·6	NNE	ENE	NW	NNW	242
27	·871	·944	·823	·888	·874	68·5	73·5	78·9	73·0	74·7	82·0	65·6	16·4	132·8	50·8	50·9	14·7	NE	ENE	NW	NNW	263
28	·853	·937	·838	·918	·878	67·5	73·4	80·4	73·3	75·8	85·9	66·4	19·5	138·4	52·5	52·8	13·6	NE	ENE	WNW	NNE	275
29	·890	·963	·853	·944	·904	71·2	77·4	86·5	75·4	79·5	88·5	67·9	20·6	139·8	51·3	58·1	9·8	ENE	ENE	E	NNW	306
30	·904	·994	·895	·988	·936	71·7	78·3	83·4	76·0	78·7	87·9	70·2	17·7	139·8	51·9	55·8	14·4	ENE	ENE	WNW	NNW	263
31	·959	30·010	·903	30·001	·958	71·6	77·4	81·5	74·9	77·4	84·7	70·5	14·2	135·4	50·7	57·3	13·2	ENE	ENE	NNW	NNE	308
Mean	29·908	29·979	29·857	29·934	29·910	70·0	75·3	81·1	73·7	76·4	84·7	68·6	16·1	136·4	51·7	54·6†	13·8†	...	...	...	...	232

* The old grass radiation thermometer by Newman, without number, being broken on the 16th, another by Newman, No. 46, was brought into use on the 18th.

N.B.— +·012 is to be applied to reduce the barometric readings to the Calcutta standard.

† Mean of 29 days.

JANUARY 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	66·1	68·1	72·5	70·0	69·9	65·4	·565	·578	·676	·681	·625	·554	72	63	62	81	70	73	*Nil*	0	0	0	0	*b.*	*b.*	*b.*
2	65·6	68·1	73·7	67·4	68·7	65·2	·568	·600	·720	·586	·619	·562	77	70	65	70	71	77	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
3	66·4	67·9	70·7	65·7	68·5	64·0	·608	·588	·612	·531	·585	·538	85	67	60	64	69	77	„	0	0	0	0	*b.* ⌓	Ck. C.	*b.*
4	63·4	66·5	71·4	67·5	68·1	61·9	·493	·532	·648	·607	·570	·462	66	60	62	76	66	69	„	0	0	0	0	*b.*	*b.*	*b.*
5	64·0	65·7	70·5	67·8	67·6	62·4	·532	·513	·617	·625	·572	·493	75	60	59	80	69	67	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
6	63·6	65·0	70·3	64·4	66·7	62·7	·525	·489	·599	·512	·531	·499	76	57	57	66	64	76	„	0	0	0	0	*b.*	*b.*	*b.*
7	65·5	67·5	71·2	68·7	68·5	63·2	·571	·577	·631	·632	·603	·530	78	67	59	74	70	72	„	0	0	0	0	*b.*	*b.*	*b.*
8	64·3	68·3	74·0	65·7	68·8	63·9	·524	·609	·730	·527	·598	·528	70	71	66	64	68	75	„	0	0	0	0	*b.*	*b.*	*b.*
9	64·5	67·3	74·6	63·9	68·1	63·8	·539	·563	·753	·455	·578	·533	74	64	68	54	65	77	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
10	64·4	67·4	72·4	66·6	68·4	63·0	·531	·574	·685	·567	·589	·509	73	67	65	70	69	74	„	0	0	0	0	Ck.	*b.*	*b.*
11	64·5	65·4	72·0	67·6	67·7	63·9	·531	·514	·669	·609	·581	·529	72	61	63	76	68	75	„	0	0	0	0	*b.*	*b.*	*b.*
12	62·6	66·5	72·3	67·4	68·3	62·3	·483	·549	·672	·592	·574	·493	68	65	62	72	67	73	„	0	0	0	0	*b.*	*b.*	*b.*
13	65·6	66·6	73·4	67·7	69·4	64·0	·565	·527	·705	·568	·591	·531	76	59	63	63	65	75	„	0	0	0	0	*b.*	*b.*	*b.*
14	65·5	67·7	73·4	63·9	67·5	63·2	·546	·546	·696	·458	·562	·488	70	58	61	54	61	66	„	0	0	0	0	*b.*	*b.*	*b.*
15	65·5	67·3	73·4	67·3	69·5	63·6	·550	·553	·709	·582	·599	·499	71	61	65	70	67	65	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
16	67·5	67·3	72·6	72·6	70·1	64·5	·623	·553	·672	·768	·654	·532	81	61	61	88	73	72	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
17	66·6	66·8	71·3	71·5	69·3	64·4	·601	·547	·633	·725	·627	·533	80	63	59	84	72	73	„	0	0	7	0	*b.* ⌓	K. Ck. C.	Ck. C.
18	67·7	67·8	69·9	68·7	68·6	65·9	·639	·583	·578	·623	·606	·589	85	67	54	72	70	81	„	0	1	0	0	*b.* ⌓	Ck. C.	*b.*
19	64·0	67·5	71·4	69·1	68·5	62·6	·511	·569	·636	·632	·587	·476	68	64	59	72	66	66	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
20	65·0	67·5	71·7	69·1	68·9	62·8	·538	·561	·649	·622	·590	·503	71	62	61	70	66	73	„	0	0	0	0	*b.*	*b.*	*b.*
21	65·4	65·9	71·1	68·5	68·1	62·7	·583	·501	·652	·642	·595	·501	83	55	65	80	71	73	„	0	0	0	0	*b.* ⌓	C.	*b.*
22	62·3	69·5	69·7	66·8	67·8	61·1	·496	·645	·603	·599	·586	·480	74	74	60	78	72	76	„	0	0	0	0	*b.*	C.	*b.*
23	69·0	70·4	70·4	67·5	69·7	63·1	·679	·678	·651	·584	·648	·519	89	77	69	69	76	77	„	2	2	3	1	K. C. ⌓	K. Ck. C.	Ck. C.
24	68·5	65·4	63·2	64·1	64·9	67·0	·647	·494	·406	·518	·516	·609	82	56	45	70	63	80	„	8	4	2	0	Pk. K.	K. Ck. C.	*b.*
25	63·0	63·5	66·7	66·2	65·0	61·9	·520	·474	·507	·574	·519	·501	78	60	54	74	67	79	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
26	60·3	63·8	70·2	65·2	64·5	59·1	·431	·467	·573	·520	·498	·414	64	57	51	64	59	65	„	0	4	3	0	*b.* ⌓	K. Ck. C.	*b.*
27	59·2	62·8	66·3	66·8	64·4	56·1	·381	·430	·478	·576	·466	·515	55	52	48	71	57	52	„	0	0	0	0	*b.*	K.	*b.*
28	61·0	62·5	68·9	64·6	64·8	59·5	·451	·421	·554	·494	·480	·418	67	51	53	60	58	64	„	0	0	0	0	*b.*	*b.*	*b.*
29	61·3	64·2	70·0	69·6	66·9	59·7	·412	·425	·513	·647	·499	·405	53	45	40	74	53	59	„	0	0	0	0	*b.*	*b.*	*b.*
30	64·3	65·4	72·0	70·0	68·4	62·6	·504	·454	·632	·654	·561	·468	64	46	55	73	60	64	„	0	0	0	5	*b.*	*b.*	K. Ck. C.
31	64·8	68·3	70·1	67·5	67·9	63·2	·524	·572	·584	·576	·564	·484	68	61	54	66	62	65	„	0	0	0	0	*b.*	K.	*b.*
Mean	64·6	66·6	71·0	67·4	67·9	62·9	·538	·538	·627	·590	·573	·506	73	61	59	71	66	71	*Nil*	0·3	0·4	0·5	0·2	...	...	...

BOMBAY—FEBRUARY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·987	30·046	29·946	30·038	29·994	71·8	77·0	81·2	75·5	77·4	83·4	70·5	12·9	138·0	54·6	57·7	12·8	ENE	NE	NW	NNW	241
2	30·002	·072	·985	·067	30·023	71·3	77·3	81·4	74·7	77·4	84·8	70·2	14·6	138·6	53·8	57·7	12·5	NNE	NE	NNW	NW	191
3	·022	·088	·965	·029	·017	70·8	77·9	80·5	75·3	77·2	84·1	68·0	16·1	137·5	53·4	56·7	11·3	N	ENE	NW	NNW	216
4	29·970	·038	·903	29·966	29·960	69·4	76·1	81·2	74·4	76·4	84·2	67·6	16·6	135·6	51·4	55·7	11·9	N	NE	NW	NNW	242
5	·935	·012	·892	30·004	·951	70·3	77·2	80·4	74·4	76·7	83·0	68·0	15·0	135·4	52·4	54·8	13·2	NNE	NNW	NW	N	281
6	·970	·052	·945	·022	·988	71·1	78·4	78·6	73·3	76·3	83·5	69·6	13·9	134·9	51·4	58·9	10·7	N	ENE	NNW	N	353
7	·977	·040	·901	29·984	·965	71·3	76·3	78·1	74·1	75·8	82·4	69·0	13·4	133·8	51·4	58·8	10·2	NNW	NE	NW	NNW	356
8	·959	·014	·903	·995	·958	70·0	75·9	79·4	75·0	76·1	82·3	69·0	13·3	132·3	50·0	60·5	8·5	N	ENE	NW	NNW	295
9	·963	·017	·903	·995	·961	69·3	77·3	80·2	74·8	76·8	83·8	67·6	16·2	136·8	53·0	54·9	12·7	N	ENE	NNW	NNW	225
10	·962	·046	·913	30·007	·973	71·9	79·1	83·1	76·0	78·7	86·1	70·8	15·3	138·2	52·1	57·9	12·9	NNE	NE	WNW	N	168
11	·954	·006	·889	29·964	·945	73·5	79·7	83·1	78·1	80·1	88·0	72·0	16·0	139·8	51·8	58·6	13·4	ENE	ENE	NW	NNW	267
12	·933	29·991	·868	·966	·931	73·4	80·0	85·4	77·8	80·4	89·2	71·9	17·3	142·8	53·6	55·9	16·0	NE	ENE	W	NNE	190
13	·931	·967	·830	·921	·900	72·9	80·4	82·4	76·2	79·1	86·7	71·8	14·9	138·6	51·9	55·8	16·0	NNE	ENE	NW	N	251
14	·871	·930	·809	·874	·863	71·4	76·6	82·0	75·0	77·5	84·8	69·9	14·9	136·8	52·0	54·8	15·1	NNE	ENE	NW	N	221
15	·827	·878	·729	·822	·802	71·4	76·1	80·4	76·4	77·1	83·9	69·7	14·2	136·4	52·5	54·9	14·8	NE	E	WNW	NNW	203
16	·796	·856	·738	·823	·796	71·4	76·0	79·4	75·9	76·5	81·6	70·0	11·6	134·5	52·9	57·7	12·3	NE	ENE	WNW	WNW	176
17	·817	·889	·790	·880	·834	73·6	78·5	81·3	76·2	78·2	83·2	72·5	10·7	134·8	51·6	62·6	9·9	E	E	WNW	NNW	233
18	·881	·954	·844	·916	·893	71·6	77·4	81·3	75·2	77·4	83·8	70·1	13·7	135·8	52·0	58·4	11·7	N	ENE	NW	NNW	235
19	·887	·947	·823	·901	·880	71·5	77·5	81·3	75·8	77·7	85·4	69·8	15·6	136·0	50·6	58·6	11·2	NNE	NE	NW	NNW	272
20	·895	·960	·841	·929	·897	71·0	78·2	83·2	77·2	78·4	86·0	69·0	17·0	137·7	51·7	56·1	12·9	N	ENE	NNW	N	315
21	·897	·956	·818	·893	·880	72·4	80·4	82·4	78·0	79·3	87·4	70·2	17·2	137·5	50·1	57·7	12·5	N	ENE	NW	N	330
22	·871	·935	·819	·884	·868	73·9	80·6	86·2	78·4	81·2	89·6	71·7	17·9	143·4	53·8	57·5	14·2	NE	ENE	NW	ESE	161
23	·839	·899	·784	·904	·844	75·4	81·5	84·4	78·0	81·0	87·7	74·0	13·7	140·7	53·0	61·6	12·4	E	ENE	WSW	S	162
24	·846	·916	·830	·908	·868	74·9	79·3	83·7	75·8	79·5	86·3	74·4	11·9	136·0	49·7	61·6	12·8	ESE	SW	WNW	NW	150
25	·874	·947	·809	·896	·871	74·2	79·5	81·7	76·8	79·2	86·4	73·0	13·4	136·8	50·4	60·8	12·2	E	ENE	NW	N	229
26	·860	·925	·825	·889	·866	73·3	80·3	83·1	78·1	79·6	85·7	71·8	13·9	137·8	52·1	59·5	12·3	N	ENE	NW	NW	260
27	·891	·943	·828	·920	·885	74·5	80·7	82·7	77·7	79·9	85·9	72·7	13·2	138·7	52·8	60·5	12·2	N	ENE	NW	NNW	362
28	·882	·944	·804	·877	·866	74·8	81·6	82·5	77·3	79·9	87·5	73·0	14·5	138·8	51·3	60·6	12·4	NNE	NW	NW	N	310
Mean	29·911	29·974	29·855	29·938	29·910	72·2	78·5	81·8	76·1	78·2	85·2	70·6	14·6	137·3	52·0	58·1	12·5	...	...	...	...	244

N.B.— +·012 is to be applied to reduce the barometric readings to the Calcutta standard.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	65·0	65·6	72·4	68·0	68·4	61·3	·528	·479	·679	·586	·568	·421	68	52	63	66	62	56	*Nil*	0	3	2	0	K.	K. Ck.	*b.*
2	64·5	68·8	71·1	67·7	68·5	61·6	·518	·591	·625	·585	·580	·435	68	63	58	68	64	59	"	5	9	2	0	K.	K. Ck.	*b.*
3	61·5	66·3	71·1	69·4	67·6	60·8	·443	·493	·636	·541	·528	·438	56	52	60	72	60	64	"	0	0	0	0	*b.*	*b.*	*b.*
4	62·6	62·2	70·9	68·1	66·8	61·5	·478	·375	·619	·604	·519	·467	67	41	58	71	59	70	"	0	0	1	0	*b.*	K. Ck.	*b.*
5	61·4	66·4	70·9	66·4	66·8	60·4	·427	·505	·630	·542	·526	·426	57	54	60	63	59	62	"	0	0	0	2	*b.*	*b.*	K. Ck.
6	64·2	63·8	69·2	67·4	66·9	61·3	·509	·399	·589	·594	·523	·433	66	41	60	72	60	60	"	0	0	0	0	*b.*	*b.*	*b.*
7	66·7	67·7	71·1	69·6	69·3	61·7	·595	·564	·669	·664	·623	·454	78	62	70	79	72	64	"	0	0	0	0	*b.*	*b.*	*b.*
8	67·2	68·0	70·9	67·9	68·9	62·6	·631	·580	·644	·589	·611	·483	86	64	64	68	71	68	"	0	0	3	0	*b.*⌓	K. Ck.	*b.*
9	60·6	68·3	72·3	71·0	68·9	59·9	·414	·573	·688	·709	·596	·415	58	61	66	82	67	61	"	0	0	2	0	*b.*	K. Ck. C.	*b.*
10	65·5	69·6	74·5	69·2	70·7	63·9	·544	·597	·740	·624	·626	·504	69	60	65	70	66	66	"	0	0	0	0	*b.*	*b.*	*b.*
11	67·4	70·7	74·1	71·7	71·3	65·0	·591	·632	·723	·693	·660	·525	72	62	63	72	67	67	"	0	0	0	0	*b.*	*b.*	*b.*
12	67·1	70·8	74·5	64·6	70·5	66·5	·581	·631	·709	·434	·589	·579	71	61	58	46	59	74	"	0	0	0	0	*b.*	*b.*	*b.*
13	66·4	66·8	71·5	67·1	68·9	62·1	·563	·477	·626	·543	·553	·427	69	46	57	60	58	55	"	0	0	0	0	*b.*	*b.*	*b.*
14	65·4	68·2	72·1	71·2	69·5	64·1	·547	·578	·656	·714	·624	·522	71	62	60	82	69	67	"	0	0	0	0	*b.*	*b.*	*b.*
15	68·9	69·7	74·1	73·5	71·9	66·5	·675	·641	·759	·788	·716	·610	88	71	73	86	80	84	"	0	0	6	0	*b.*⌓	K. Ck. C.	*b.*
16	69·0	70·5	72·7	72·6	71·5	66·9	·678	·674	·725	·758	·709	·620	88	75	71	85	80	85	"	4	4	0	0	K. Ck. C.⌓	K. Ck. C.	*b.*
17	71·6	73·3	72·3	70·5	72·4	68·2	·749	·751	·673	·671	·711	·634	90	77	62	74	76	79	"	10	1	0	0	K. *o.*	Ck. C.	*b.*
18	67·2	71·3	72·5	71·4	71·0	66·6	·609	·686	·682	·719	·674	·607	78	73	64	82	74	83	"	0	0	0	0	*b.*⌓	*b.*	*b.*⌓
19	68·5	68·6	72·6	68·5	70·3	65·0	·658	·581	·685	·600	·631	·555	85	61	64	68	70	76	"	0	0	0	0	*b.*⌓	*b.*	*b.*
20	65·5	67·3	72·7	65·7	68·8	64·5	·556	·524	·664	·480	·556	·548	73	54	59	52	60	77	"	0	0	0	0	*b.*⌓	*b.*	*b.*
21	64·7	68·3	73·6	68·6	69·9	62·1	·510	·531	·715	·574	·583	·451	64	51	65	60	60	61	"	0	3	2	0	*b.*	K. Ck. C.	*b.*
22	68·2	71·0	77·4	73·5	73·6	64·3	·615	·631	·822	·761	·707	·504	73	60	65	78	69	64	"	0	0	0	0	*b.*	*b.*	*b.*⌓
23	71·0	69·9	76·8	75·1	73·7	68·4	·701	·577	·821	·833	·733	·621	79	54	70	86	72	74	"	0	0	0	0	*b.*⌓	*b.*	*b.*⌓
24	72·0	74·7	72·3	72·5	72·5	68·9	·747	·799	·640	·756	·736	·764	86	80	55	85	77	74	"	2	3	7	1	K. Ck. C.	K. Ck. C.	Ck. C.
25	71·3	74·0	72·8	70·1	72·3	70·0	·729	·767	·690	·648	·709	·695	86	76	63	70	74	86	"	0	1	0	0	*b.*⌓	K.	*b.*
26	68·7	68·8	74·5	72·3	71·4	67·0	·642	·551	·740	·716	·662	·599	79	53	65	74	68	77	"	0	1	0	0	*b.*⌓	K.	*b.*
27	66·5	69·1	74·5	72·5	71·5	64·3	·545	·557	·745	·730	·644	·491	64	53	66	77	65	60	"	0	0	0	0	*b.*	*b.*	*b.*
28	63·5	68·5	72·4	71·7	69·9	63·1	·437	·523	·661	·703	·581	·447	51	49	60	75	59	55	"	0	0	0	5	*b.*	*b.*	Ck. C.
Mean	66·5	68·9	72·8	69·9	70·1	64·2	·579	·581	·688	·649	·624	·524	73	60	63	72	67	69	*Nil*	0·7	0·9	0·9	0·3	...	...	...

BOMBAY—MARCH 1890.

Date.	Barometer reduced to 32.°					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·858	29·908	29·788	29·854	29·842	74·2	81·0	82·9	78·3	80·1	87·2	72·0	15·2	137·0	49·8	60·9	11·1	NNE	NE	NW	NW	320
2	·876	·933	·807	·914	·872	74·2	79·9	81·0	77·2	78·7	83·9	72·7	11·2	137·6	53·7	62·5	10·2	NNE	NNW	WNW	WNW	232
3	·888	·972	·862	·942	·907	73·8	79·4	81·6	77·1	78·8	84·0	73·0	11·0	139·8	55·8	62·6	10·4	WNW	S	W	WNW	202
4	·934	30·003	·913	·997	·954	74·3	79·9	81·8	77·8	79·1	84·3	73·0	11·3	140·6	56·3	63·4	9·6	WNW	E	WNW	W	181
5	·982	·051	·909	·985	·973	75·6	78·5	80·7	76·2	78·4	83·1	74·4	8·7	136·8	53·7	66·6	7·8	NNW	N	WNW	NW	264
6	·950	29·984	·850	·925	·917	72·9	78·4	82·3	76·2	78·5	83·5	71·8	11·7	138·9	55·4	62·7	9·1	N	ENE	WNW	NW	218
7	·900	·931	·797	·852	·862	74·3	79·4	82·1	75·9	78·8	84·6	73·4	11·2	139·3	54·7	61·3	12·1	NW	ESE	WNW	WNW	197
8	·844	·897	·789	·875	·845	74·4	80·2	81·4	77·5	79·3	85·0	73·8	11·2	142·6	57·6	63·5	10·3	ENE	SE	WSW	WSW	211
9	·848	·927	·827	·885	·867	76·7	80·8	82·5	77·3	80·1	85·3	75·4	9·9	139·8	54·5	69·1	6·3	WSW	W	W	SW	200
10	·877	·938	·831	·894	·879	74·4	79·0	81·8	75·9	78·6	83·9	73·0	10·9	136·8	52·9	63·5	9·5	WNW	E	NW	NW	217
11	·854	·890	·753	·837	·823	73·6	78·8	81·3	76·5	78·5	83·3	73·0	10·3	136·6	53·3	63·7	9·3	N	ENE	WNW	WNW	267
12	·848	·894	·764	·829	·821	75·0	78·4	80·6	77·5	79·3	85·3	74·0	11·3	141·9	56·6	66·8	7·2	N	ENE	WNW	NNW	249
13	·812	·877	·789	·851	·827	75·4	80·4	82·8	77·4	79·9	85·1	74·8	10·3	136·6	51·5	69·9	4·9	NNE	NE	NW	NNW	305
14	·847	·892	·781	·858	·834	74·4	81·4	82·3	77·6	79·9	85·3	73·7	11·6	137·8	52·5	64·5	9·2	NNE	ENE	NW	WNW	325
15	·846	·918	·799	·879	·850	74·0	81·2	82·0	77·1	79·5	84·7	73·5	11·2	139·0	54·3	63·5	10·0	ENE	NNW	WNW	NW	284
16	·834	·912	·783	·832	·836	75·3	79·8	81·5	76·6	79·3	84·7	75·1	9·6	138·8	54·1	66·6	8·5	E	E	NW	NW	279
17	·799	·879	·767	·823	·810	75·1	80·4	82·3	78·3	79·9	85·2	74·7	10·5	140·1	54·9	66·6	8·1	ENE	ENE	WNW	NW	303
18	·767	·819	·701	·788	·758	76·1	83·6	84·7	80·4	82·1	88·8	74·8	14·0	142·8	54·0	66·8	8·0	ENE	ENE	NW	NNW	355
19	·777	·840	·685	·754	·757	77·5	84·4	85·0	80·6	82·6	89·4	76·0	13·4	141·8	52·4	69·1	6·9	N	ENE	NW	NNW	377
20	·755	·841	·725	·839	·785	77·5	84·6	84·3	79·6	82·2	89·0	76·1	12·9	140·7	51·7	68·2	7·9	NNW	NNW	NW	WNW	330
21	·799	·863	·734	·802	·792	77·4	83·9	83·3	79·4	82·0	86·7	76·2	10·5	140·8	54·1	68·9	7·3	NNW	E	NW	NNW	342
22	·762	·827	·719	·796	·768	76·4	82·9	82·4	78·6	80·9	86·8	75·0	11·8	140·7	53·9	69·0	6·0	N	NNW	NW	NW	422
23	·788	·843	·718	·788	·775	76·3	82·4	82·8	78·1	80·8	87·0	75·3	11·7	139·1	52·1	67·9	7·4	NNE	NW	NW	NW	412
24	·813	·873	·735	·825	·803	76·2	84·4	84·1	79·0	81·9	89·4	74·8	14·6	141·7	52·3	67·7	7·1	NNE	NNW	NW	NW	418
25	·816	·870	·774	·847	·821	76·4	84·5	83·9	77·6	81·5	86·4	74·9	11·5	144·8	58·4	65·5	9·4	NNE	NW	NW	NW	393
26	·824	·892	·784	·873	·834	75·5	81·4	82·3	77·4	80·1	85·4	75·1	10·3	139·8	54·4	67·9	7·2	NNE	NNW	NW	NW	419
27	·853	·910	·805	·870	·854	75·9	82·1	84·3	78·2	81·1	86·2	75·0	11·2	138·8	52·6	67·6	7·4	NNE	NNW	NW	NW	361
28	·846	·916	·799	·870	·852	76·1	82·2	84·5	78·3	81·3	86·7	75·1	11·6	140·6	53·9	68·6	6·5	NNE	ENE	NW	NW	400
29	·885	·949	·839	·895	·886	75·8	81·5	82·3	77·2	80·0	85·4	75·0	10·4	138·9	53·5	67·7	7·3	NNE	NNW	WNW	NW	344
30	·890	·933	·793	·879	·864	75·3	82·0	84·5	79·4	81·3	87·6	73·8	13·8	139·9	52·3	64·8	9·0	NNE	ENE	NW	NW	373
31	·866	·926	·802	·874	·858	75·2	82·6	83·4	79·4	81·1	87·3	74·3	13·0	140·8	53·5	65·8	8·5	NNE	NNW	NW	NW	408
Mean	29·846	29·907	29·787	29·862	29·843	75·3	81·3	82·7	77·9	80·2	85·8	74·3	11·5	139·7	53·9	65·9	8·4	...	...	...	...	310

N.B.— + ·012 is to be applied to reduce the barometric readings to the Calcutta standar

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	68·2	73·2	73·4	73·4	72·4	67·8	·618	·714	·696	·758	·697	·625	72	68	61	78	70	80	*Nil*	0	0	0	0	*b.* ⌓	*b.*	*b.*
2	70·9	73·7	75·0	73·5	73·6	70·1	·714	·750	·789	·777	·758	·703	85	73	74	63	74	88	,,	0	0	1	9	K.	Ck. C.	K. Ck.
3	71·1	73·5	73·5	71·9	72·8	70·3	·727	·747	·692	·713	·720	·707	87	74	67	76	76	87	,,	3	0	4	5	K. Ck. *c.* ⌓	K. Ck. C.	K. Ck.
4	70·7	73·3	73·1	72·5	72·6	69·9	·705	·733	·699	·729	·717	·692	84	72	64	77	74	86	,,	6	2	1	4	K. Ck. C.	K. Ck. C.	K.
5	70·8	71·5	71·2	70·7	71·2	70·0	·683	·679	·637	·679	·670	·688	78	70	60	75	71	79	,,	5	8	7	9	K. Ck. C.	K. Ck. C.	K. Ck. C.
6	69·4	71·4	72·5	71·0	71·4	69·1	·673	·676	·668	·693	·678	·676	83	70	61	76	73	87	,,	10	3	6	0	K. Ck. *o.*	K. Ck. C.	K.
7	69·9	73·0	71·1	70·3	71·4	69·7	·674	·730	·615	·668	·672	·688	79	72	56	75	71	82	,,	1	0	0	10	Ck. C.	*c.*	K. Ck. *o.*
8	70·2	73·2	73·1	71·9	72·5	68·9	·683	·725	·704	·708	·705	·642	80	70	66	75	73	76	,,	7	6	9	5	K. Ck. C.	K. Ck. C.	K. Ck. C.
9	71·0	72·3	72·7	71·4	72·1	70·0	·686	·680	·673	·690	·682	·665	74	64	61	73	68	75	,,	9	3	0	2	K. Ck. C.	K. Ck. C.	K. Ck.
10	69·5	72·6	72·2	69·3	71·1	68·9	·656	·716	·662	·629	·666	·653	77	72	61	71	70	81	,,	3	8	2	0	K. Ck. C.	K. Ck. C.	*b.*
11	69·3	70·9	71·7	70·4	70·7	68·5	·660	·651	·649	·663	·656	·668	80	66	61	73	70	79	,,	3	1	3	0	K. Ck. C.	K. Ck. C.	*b.*
12	70·5	72·1	72·5	71·5	71·2	69·7	·687	·706	·691	·693	·694	·670	79	73	67	74	73	80	,,	10	10	10	9	K. Ck. *o.*	K. Ck. C. *o.*	K. Ck. C.
13	70·5	73·2	72·1	72·1	72·2	68·0	·682	·722	·645	·718	·692	·597	77	69	58	76	70	69	,,	10	10	0	0	K. Ck. C.	K. Ck. C. *o.*	*b.*
14	71·5	74·0	73·1	71·8	72·7	70·7	·724	·744	·692	·703	·716	·713	86	69	62	75	73	86	,,	0	0	1	0	*b.*	Ck. C.	*b.*
15	71·5	72·1	70·4	71·4	71·4	70·6	·740	·666	·589	·693	·672	·712	88	62	54	74	70	86	,,	0	0	0	0	Ck.	Ck. C.	*b.*
16	71·5	73·3	73·1	72·4	73·0	69·8	·697	·734	·704	·741	·719	·659	83	72	65	81	75	76	,,	8	0	1	0	K. Ck.	K. Ck. C.	*b.*
17	72·4	73·7	74·5	73·4	73·9	71·5	·761	·742	·750	·758	·753	·730	87	72	68	78	76	85	,,	1	0	2	0	K.	K. Ck. C.	*b.*
18	71·5	73·7	74·0	74·6	73·4	70·9	·712	·699	·700	·780	·723	·705	79	60	59	75	68	81	,,	1	2	4	0	K.	K. Ck. C.	Ck. C.
19	72·6	74·4	73·7	75·5	74·3	71·3	·736	·718	·681	·816	·738	·705	78	60	57	78	68	78	,,	1	2	5	0	K. C.	K. Ck. C.	*b.*
20	72·9	76·3	74·5	75·4	75·1	71·9	·749	·796	·723	·825	·773	·727	80	67	62	81	73	81	,,	1	2	0	0	K. Ck.	K. Ck. C.	K. <
21	72·5	71·1	74·4	74·6	73·7	72·0	·734	·591	·733	·793	·713	·733	78	51	63	79	68	81	,,	3	2	0	0	K. Ck.	K. Ck.	*b.*
22	72·7	74·3	73·9	73·8	74·0	70·8	·755	·734	·723	·771	·746	·698	83	65	65	79	73	80	,,	1	5	0	0	K. Ck.	K. Ck. C.	*b.*
23	73·2	75·4	73·1	73·1	74·0	72·2	·778	·787	·685	·749	·750	·750	86	71	61	78	74	86	,,	3	0	0	0	K. Ck.	K.	*b.*
24	72·4	72·6	71·8	72·1	72·2	70·7	·746	·643	·616	·696	·675	·698	83	57	53	70	66	81	,,	1	1	4	0	K. Ck.	K. Ck. C.	*b.*
25	69·9	72·1	73·5	73·4	72·7	68·2	·645	·622	·714	·768	·687	·601	71	52	59	81	66	69	,,	1	1	0	0	K. C.	K. Ck. C.	*b.*
26	72·2	75·1	74·5	72·4	73·5	69·6	·747	·788	·750	·730	·754	·651	85	74	68	77	76	75	,,	2	1	0	0	K. Ck. C.	K. Ck. C.	*b.*
27	72·2	76·0	73·5	71·7	73·4	71·6	·741	·820	·682	·691	·734	·730	83	75	59	72	72	84	,,	0	0	0	0	K.	*b.*	Ck.
28	72·0	74·5	71·8	72·7	72·7	71·3	·734	·751	·616	·730	·708	·717	82	68	52	76	70	82	,,	0	0	0	0	Ck. C.	*b.*	*b.*
29	70·3	72·5	72·7	72·1	72·4	69·9	·669	·679	·676	·721	·686	·665	75	63	61	77	69	77	,,	3	1	0	0	K. Ck.	K. Ck. C.	*b.*
30	71·4	72·9	72·9	73·1	72·5	70·3	·717	·690	·654	·731	·698	·696	82	63	56	73	69	83	,,	0	0	0	0	*c.*	*b.*	*b.*
31	70·9	74·1	75·9	74·6	74·4	70·2	·700	·729	·795	·793	·754	·685	80	65	69	79	73	81	,,	1	0	0	0	Ck. C.	*b.*	K.
Mean	71·1	73·3	73·1	72·5	72·7	70·1	·708	·715	·687	·729	·710	·685	81	67	62	76	71	81	*Nil*	0·3	0·2	0·2	0·2	...	...	...

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on Grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·874	29·920	29·773	29·832	29·841	75·5	84·0	84·4	79·4	81·7	86·4	74·5	11·9	140·8	54·4	63·5	11·0	NNE	ENE	NW	NW	320
2	·809	·873	·745	·832	·807	76·4	83·8	84·0	78·4	81·6	87·4	75·6	11·8	141·6	54·2	64·2	11·4	NNE	NNW	WNW	NW	302
3	·810	·883	·761	·828	·813	76·0	82·3	83·3	78·3	80·8	86·0	74·9	11·1	139·9	53·9	64·5	10·4	ENE	S	WNW	W	198
4	·849	·910	·796	·879	·851	76·8	83·2	83·2	78·6	81·2	86·1	76·0	10·1	140·0	53·9	66·8	9·2	SE	S	W	NW	256
5	·852	·914	·762	·843	·836	76·4	81·5	83·7	79·4	80·8	85·5	75·8	9·7	138·8	53·3	67·6	8·2	ESE	W	WNW	NNW	219
6	·836	·902	·783	·872	·842	76·4	81·9	84·3	79·5	81·4	87·2	75·0	12·2	139·9	52·7	64·4	10·6	WNW	W	WNW	NW	249
7	·864	·907	·805	·872	·855	79·3	82·0	83·7	81·6	82·2	86·0	77·9	8·1	119·8	33·8	67·7	10·2	WNW	N	NNW	NNW	265
8	·866	·924	·798	·895	·861	79·4	85·3	85·4	81·0	83·3	88·2	78·9	9·3	137·1	48·9	71·6	7·3	N	SSE	WSW	SSW	295
9	·874	·920	·796	·923	·869	80·6	83·0	85·6	80·7	83·2	89·3	79·5	9·8	140·6	51·3	74·6	4·9	NE	S	W	SSW	148
10	·896	·942	·806	·870	·872	79·4	84·9	84·0	80·0	82·6	86·9	79·0	7·9	141·4	54·5	70·1	8·9	SSW	E	NW	NW	227
11	·840	·857	·700	·771	·781	78·4	84·0	86·3	81·6	83·3	88·4	77·0	11·4	142·8	54·4	66·6	10·4	S	S	NW	NNW	293
12	·743	·792	·661	·765	·729	78·3	85·4	88·9	83·7	85·3	92·8	77·2	15·6	149·0	56·2	68·9	8·3	NNW	ESE	NNW	NNW	342
13	·837	·876	·728	·808	·802	81·5	86·3	86·8	81·9	85·1	90·2	81·5	8·7	142·8	52·6	71·7	9·8	SSW	NW	NW	NNW	270
14	·765	·805	·708	·801	·760	78·9	85·0	87·	81·4	84·1	89·3	78·0	11·3	144·4	55·1	69·1	8·9	W	S	NW	SW	234
15	·808	·878	·744	·841	·809	79·5	84·9	85·3	79·4	83·1	88·2	79·0	9·2	142·1	53·9	70·6	8·4	S	SSW	WNW	WNW	204
16	·816	·870	·717	·807	·794	77·3	83·4	84·5	80·3	82·0	87·3	76·3	11·0	141·0	53·7	66·4	9·9	NNE	NW	NW	NNW	262
17	·748	·790	·661	·762	·729	77·8	85·7	85·7	80·8	83·4	88·5	76·9	11·6	140·1	51·6	68·0	8·9	NNW	NNW	NW	NW	385
18	·729	·788	·690	·777	·739	78·8	85·1	84·4	80·2	83·0	87·6	77·6	10·0	140·1	52·5	68·6	9·0	NNW	NW	NW	N	307
19	·771	·812	·715	·797	·766	76·3	85·7	86·3	82·3	83·4	89·3	75·1	14·2	143·8	54·5	65·3	9·8	N	ENE	NW	NNW	311
20	·776	·837	·701	·776	·763	79·3	84·4	87·8	81·8	84·3	90·0	77·9	12·1	142·8	52·8	67·7	10·2	NNE	W	WNW	W	184
21	·761	·806	·664	·722	·731	81·2	86·0	87·4	81·5	84·9	90·0	80·5	9·5	142·7	52·7	73·9	6·6	SW	SSW	WSW	W	247
22	·731	·807	·685	·751	·738	81·5	86·0	86·4	82·3	84·8	89·8	81·0	8·8	140·9	51·1	73·4	7·6	S	S	W	SW	364
23	·738	·789	·667	·752	·730	81·8	85·6	86·2	83·1	84·8	89·3	81·1	8·2	145·9	56·6	74·7	6·4	NNE	WNW	WNW	WSW	261
24	·778	·818	·680	·752	·750	82·3	83·4	85·9	82·4	83·7	87·6	81·4	6·2	139·4	51·8	74·4	7·0	SW	SSE	NNW	NW	182
25	·747	·785	·645	·742	·723	81·5	85·4	87·4	81·3	84·6	89·3	81·0	8·3	141·8	52·5	73·9	7·1	W	SE	WNW	WNW	246
26	·764	·803	·687	·785	·752	78·4	82·8	86·0	80·3	82·8	88·4	78·0	10·4	143·5	55·1	70·4	7·6	NW	SE	WNW	NW	220
27	·808	·845	·732	·800	·788	78·8	84·5	84·7	80·9	83·1	88·5	77·8	10·7	141·7	53·2	71·5	6·3	NNE	NNW	WNW	NW	495
28	·775	·805	·669	·747	·738	78·4	85·4	85·8	81·5	83·7	89·1	77·4	11·7	141·8	52·7	68·6	8·8	NNE	NW	WNW	NW	359
29	·743	·805	·691	·802	·751	79·4	84·8	86·7	82·3	84·1	89·3	78·7	10·6	141·8	52·5	69·9	8·8	NNE	W	WNW	NW	262
30	·818	·861	·734	·822	·799	81·3	86·2	86·2	82·9	84·9	89·4	80·6	8·8	141·0	51·6	73·9	6·7	SSW	SW	WNW	NW	265
Mean	29·801	29·851	29·723	29·808	29·787	78·9	84·4	85·6	81·0	83·2	88·4	78·0	10·3	141·0	52·6	69·4	8·6	...	...	...	...	266

N.B.— +·012 is to be applied to reduce the barometric readings to the Calcutta standard.

BOMBAY—APRIL 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	69·6	73·7	75·5	75·1	74·2	69·2	.646	·694	·764	·815	·730	·644	73	59	64	81	69	75	*Nil*	0	0	0	0	Ck. C.	*b.*	*b.*
2	69·3	73·1	74·5	74·3	73·2	68·9	·623	·672	·727	·795	·704	·618	69	58	62	82	68	70	,,	0	0	0	0	*b.*	*b.*	*b.*
3	73·5	74·4	75·6	74·7	74·8	71·3	·794	·745	·784	·813	·784	·720	88	67	69	84	77	84	,,	3	0	0	2	Ck. C.	Ck. C.	Ck. C.
4	73·9	76·4	77·0	75·5	76·0	72·8	·799	·815	·845	·843	·827	·765	86	72	74	87	80	85	,,	5	0	2	2	K. Ck. C.	K. Ck. C.	Ck. C.
5	73·5	76·1	76·8	73·6	75·3	72·8	·788	·829	·829	·752	·800	·767	86	77	72	75	78	86	,,	1	0	0	0	Ck. C.	K.	*b.*
6	72·4	75·0	76·0	74·4	75·0	70·6	·743	·776	·787	·784	·773	·690	82	71	67	78	75	79	,,	3	3	6	7	Ck. C.	K. Ck. C.	K. Ck.
7	74·3	77·0	75·8	75·6	76·0	73·3	·782	·862	·786	·806	·809	·760	78	79	68	75	75	80	,,	10	10	9	9	Pk. K. *o.*	Pk. K. *o.*	Pk. K. Ck.
8	74·8	77·5	79·8	78·0	78·0	73·5	·802	·840	·943	·920	·876	·754	80	69	78	87	79	76	,,	9	2	0	2	Pk. K. Ck.	K. Ck.	K. Ck. <
9	75·9	77·6	79·2	77·5	78·0	73·5	·832	·875	·912	·902	·880	·746	79	77	74	86	79	74	,,	10	10	3	1	Pk. K. *o.*	Pk. K. Ck. c. *o.*	K. Ck. <
10	77·4	77·0	77·5	77·0	77·4	75·0	·914	·822	·857	·889	·871	·816	91	68	74	87	80	82	,,	10	8	10	0	K. Ck. *o.*	Pk. K. Ck.	K. <
11	74·7	76·8	77·4	74·5	76·5	73·6	·811	·826	·820	·760	·804	·784	83	71	65	71	73	84	,,	2	8	8	1	K. Ck. C.	K. Ck. C.	K. Ck. C.
12	74·5	74·0	76·2	76·1	75·3	71·4	·804	·687	·733	·800	·756	·692	83	56	54	69	66	74	,,	8	7	8	2	K. Ck. C.	K. Ck. C.	K. Ck. C.
13	77·8	78·2	75·1	75·0	76·4	72·8	·904	·857	·714	·776	·813	·691	84	68	56	71	70	64	,,	3	1	8	2	K. Ck. C.	Pk. K. Ck. C.	K. Ck. C. <
14	74·7	78·1	76·6	76·0	76·9	73·8	·804	·870	·768	·826	·817	·778	81	72	59	77	72	81	,,	3	6	5	4	K. Ck. C.	K. Ck. C.	K. Ck. C. <
15	75·3	78·2	76·6	74·5	76·2	72·1	·822	·876	·799	·790	·822	·696	81	73	66	78	75	70	,,	2	3	6	0	K. Ck. C.	K. Ck. C.	*b.*
16	74·4	76·1	77·5	75·5	76·2	73·4	·814	·803	·850	·820	·822	·785	86	70	72	79	77	86	,,	0	2	0	0	*b.* ⌓	K. Ck. C.	*b.*
17	74·4	78·4	77·4	76·4	77·2	73·4	·806	·875	·829	·851	·840	·777	84	71	67	80	76	84	,,	0	1	1	0	*b.*	K. Ck. C.	*b.*
18	74·6	75·3	77·5	75·9	76·4	73·4	·801	·746	·851	·838	·809	·768	81	61	72	81	74	81	,,	0	0	0	0	Ck.	K.	*b.*
19	70·3	73·7	79·1	77·9	76·0	69·7	·662	·671	·898	·897	·782	·655	73	55	71	81	70	75	,,	0	0	3	0	*b.*	Ck. C.	*b.*
20	73·7	78·5	79·5	77·5	77·6	72·7	·758	·896	·897	·887	·860	·735	76	76	68	82	76	77	,,	1	0	1	0	Ck. C.	Ck. C.	K. <
21	78·4	80·5	79·3	77·8	79·4	76·9	·936	·967	·893	·904	·925	·878	88	78	69	84	80	85	,,	8	6	2	0	K. Ck. C.	K. Ck. C.	*b.*
22	78·3	79·9	79·9	78·5	79·3	76·8	·927	·940	·934	·925	·932	·866	86	76	74	84	80	82	,,	9	6	4	6	Pk. K. Ck.	K. Ck. C.	K. Ck. <
23	76·6	78·1	76·1	74·4	76·7	75·3	·848	·862	·766	·736	·803	·800	78	70	61	64	68	75	,,	6	6	5	4	K. Ck. C.	K. Ck. C.	K. Ck. C.
24	76·5	77·8	76·3	76·6	76·8	73·8	·836	·879	·779	·839	·833	·733	76	77	63	76	73	69	0·01	9	10	10	5	Pk. K. Ck.	Pk. K. Ck. c. r. *o.*	K. Ck. C.
25	78·0	74·5	76·9	74·5	76·5	73·8	·913	·709	·784	·764	·793	·738	85	58	60	72	69	70	*Nil*	7	1	0	0	Pk. K. Ck.	Ck. C.	*b.*
26	74·1	75·4	76·8	74·6	75·4	73·5	·786	·781	·799	·781	·787	·767	81	69	64	75	72	80	,,	1	6	0	0	K.	K. Ck. C.	*b.*
27	74·7	76·4	77·2	75·5	76·2	73·8	·806	·802	·834	·811	·813	·781	82	68	70	77	74	82	,,	1	0	0	0	K.	*b.*	*b.*
28	74·6	77·3	77·4	77·6	77·1	73·8	·807	·829	·827	·895	·840	·787	83	68	66	83	75	84	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
29	76·5	78·5	79·5	77·5	78·3	74·8	·874	·891	·912	·880	·889	·811	87	75	72	80	79	82	,,	0	0	0	0	*b.* ⌓	*b.*	*b.*
30	77·6	79·3	80·0	78·5	79·2	76·7	·898	·909	·941	·916	·916	·867	84	72	75	81	78	83	,,	5	2	6	6	K. Ck.	K. Ck. C.	K. Ck. C. <
Mean	74·8	76·8	77·3	76·0	76·6	73·2	·811	·820	·829	·834	·824	·756	82	69	68	79	75	79	Total 0·01	3·9	3·3	3·2	1·8	...	...	...

BOMBAY—MAY 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·812	29·855	29·707	29·768	29·779	82·3	86·6	89·4	83·8	86·4	91·5	80·6	10·9	142·7	51·2	74·9	5·7	SW	WSW	WNW	NW	297
2	·730	·771	·675	·728	·721	81·9	90·6	88·2	83·0	86·8	92·2	81·0	11·2	147·6	55·4	73·6	7·4	N	NW	WNW	NW	414
3	·699	·772	·678	·759	·724	81·0	86·0	85·0	81·0	84·0	88·4	80·4	8·0	141·8	53·4	73·0	7·4	N	WNW	WNW	NW	351
4	·752	·801	·728	·793	·767	79·5	85·4	84·6	80·5	83·2	87·7	79·4	8·3	140·8	53·1	74·7	4·7	N	NW	NW	NW	363
5	·764	·818	·707	·760	·760	79·3	84·5	87·0	82·2	84·0	89·1	78·7	10·4	140·9	51·8	73·2	5·5	NNE	NW	NW	NW	361
6	·737	·770	·661	·700	·714	79·6	87·4	86·4	82·3	84·6	90·2	78·8	11·4	142·7	52·5	70·0	8·8	NNW	NW	W	NW	236
7	·667	·702	·609	·698	·663	81·0	85·8	87·4	81·4	84·7	89·0	80·2	8·8	138·5	49·5	74·9	5·3	SW	WSW	WNW	WNW	204
8	·680	·759	·675	·754	·714	78·7	84·1	85·8	81·0	83·1	88·1	78·2	9·9	138·8	50·7	69·8	8·4	NW	NW	WNW	WSW	222
9	·783	·829	·743	·777	·780	80·2	85·0	86·0	80·6	83·7	89·4	79·5	9·9	147·1	57·7	71·5	8·0	WSW	WSW	W	WNW	204
10	·807	·845	·759	·832	·804	79·3	85·8	86·2	81·6	84·1	88·4	78·0	10·4	145·2	56·8	70·3	7·7	WSW	SW	W	W	196
11	·837	·876	·764	·819	·818	79·9	85·3	86·9	81·6	84·2	89·1	79·5	9·6	143·8	54·7	71·5	8·0	W	WSW	WSW	WSW	192
12	·809	·86[illegible]	·760	·838	·810	80·4	84·9	86·8	82·2	84·2	89·2	79·9	9·3	142·1	52·9	73·5	6·4	WNW	W	W	W	191
13	·842	·889	·803	·878	·847	80·1	84·4	86·3	81·4	83·8	89·3	79·0	10·3	141·8	52·5	71·6	7·4	W	W	WNW	NW	219
14	·867	·904	·786	·852	·844	80·4	85·4	85·5	80·9	83·7	89·1	79·8	9·3	140·7	51·6	74·0	5·8	NNE	NW	WNW	NW	302
15	·806	·837	·750	·779	·788	80·0	85·6	86·1	81·1	84·0	88·8	79·1	9·7	141·1	52·3	73·9	5·2	NNE	NW	WNW	NW	305
16	·735	·816	·736	·760	·763	79·5	84·7	85·6	81·1	83·5	88·6	79·0	9·6	141·3	52·7	73·7	5·3	NNE	WNW	WNW	W	215
17	·745	·806	·715	·765	·756	79·8	84·0	86·3	81·6	83·7	89·2	79·2	10·0	144·5	55·3	73·6	5·6	N	SSE	WNW	WNW	233
18	·741	·825	·736	·773	·768	80·4	85·2	86·4	81·8	84·1	89·7	79·9	9·8	141·1	51·4	74·3	5·6	NNW	WNW	WNW	WNW	235
19	·741	·811	·705	·765	·752	80·4	86·6	86·5	82·0	84·6	89·1	80·0	9·1	141·8	52·7	72·8	7·2	NNE	NW	WNW	WNW	310
20	·740	·785	·691	·729	·733	80·2	85·4	86·8	82·1	84·5	89·8	79·2	10·6	143·0	53·2	71·8	7·4	N	WSW	W	W	198
21	·726	·801	·702	·765	·747	80·1	86·4	87·5	82·6	84·9	90·2	79·6	10·2	146·9	56·7	71·7	7·9	NW	S	WSW	WSW	188
22	·756	·793	·682	·746	·738	80·7	85·8	86·9	82·2	84·6	90·1	80·0	10·1	143·8	53·7	73·7	6·3	W	SSW	WNW	NW	209
23	·779	·828	·736	·774	·777	82·1	86·9	88·4	82·5	85·9	90·2	81·1	9·1	146·6	56·4	75·1	6·0	SSW	SSW	WSW	NW	252
24	·762	·796	·685	·762	·745	81·3	86·7	87·9	83·2	85·6	90·0	80·8	9·2	141·9	51·9	73·7	7·1	WNW	SSW	WSW	SSW	206
25	·776	·807	·703	·763	·758	82·6	87·7	87·6	83·1	86·0	90·8	81·6	9·2	143·8	53·0	75·3	6·3	SW	WSW	W	SSW	263
26	·804	·837	·737	·804	·789	82·8	88·1	89·2	84·2	86·7	91·2	81·7	9·5	146·0	54·8	75·3	6·4	WSW	WSW	WSW	SSW	279
27	·805	·823	·731	·777	·778	83·2	88·3	89·4	84·8	87·1	91·7	82·4	9·3	145·8	54·1	75·5	6·9	WSW	SSW	WSW	WSW	245
28	·774	·795	·689	·717	·737	83·4	88·3	89·2	84·4	86·9	91·3	82·7	8·6	146·1	54·8	75·6	7·1	WSW	WSW	W	W	257
29	·715	·751	·682	·764	·722	83·3	87·8	89·3	84·6	87·0	91·7	82·6	9·1	143·8	52·1	76·0	6·6	SW	WSW	W	WSW	203
30	·740	·800	·681	·725	·732	83·2	84·3	87·4	84·2	85·3	89·1	79·5	9·6	141·2	52·1	75·7	3·8	WSW	SE	WSW	WSW	216
31	·667	·706	·576	·633	·638	81·4	87·7	85·1	82·7	84·6	90·0	80·1	9·9	146·7	56·7	75·2	4·9	SSE	S	SSW	S	430
Mean	29·761	29·809	29·709	29·766	29·757	80·9	86·2	87·0	82·3	84·8	89·7	80·0	9·7	143·2	53·5	73·5	6·5	...	...	...	...	258

N.B.— +·012 is to be applied to reduce the barometric readings to the Calcutta Standard.

Date.	Temperature of Evaporation						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	77·7	79·1	79·1	77·9	78·7	77·0	·889	·894	·856	·877	·879	·881	81	70	62	75	72	85	*Nil*	5	0	2	0	K. Ck. C.	K. Ck. C.	*b.*
2	76·9	78·6	78·2	76·0	77·6	76·3	·859	·817	·831	·804	·828	·844	79	57	62	71	67	79	"	4	2	3	8	K. Ck. C.	K. Ck. C.	K. Ck. C.
3	76·2	79·7	78·2	76·4	77·9	75·0	·840	·930	·874	·849	·873	·796	79	75	73	80	77	76	"	9	0	1	1	K. Ck. C.	K. Ck. C.	K. Ck. C.
4	75·1	77·4	77·3	76·5	76·8	74·0	·813	·833	·839	·860	·836	·768	80	68	71	83	76	76	"	5	3	1	3	K. Ck. C.	Ck. C.	Ck. C.
5	75·8	78·7	77·5	77·2	77·8	75·3	·846	·904	·816	·868	·859	·832	85	76	64	79	76	84	"	8	7	2	0	K. Ck. C.	K. Ck. C.	*b.*
6	77·4	79·5	80·0	77·4	78·8	75·8	·911	·902	·938	·875	·907	·852	90	69	74	79	78	87	"	1	5	0	1	Ck. C.	Ck. C.	Ck. C.
7	75·9	78·4	76·5	75·5	77·0	75·8	·827	·873	·766	·805	·818	·833	78	70	59	75	71	80	"	4	0	0	0	K. Ck. C.	*b.*	*b.*
8	73·4	76·0	76·5	73·1	75·1	72·8	·753	·790	·788	·709	·760	·734	77	68	64	67	69	76	"	0	0	0	0	*b.*	Ck. C.	*b.*
9	74·0	75·5	76·1	74·6	75·3	72·7	·757	·756	·768	·777	·765	·714	73	63	61	74	68	71	"	5	3	0	0	K. Ck. C.	K. Ck. C.	*b.*
10	73·8	75·6	76·7	75·3	75·6	73·4	·761	·750	·792	·794	·774	·763	76	61	63	73	68	80	"	4	3	3	0	K. Ck. C.	K. Ck. C.	*b.*
11	75·1	76·7	77·4	76·1	76·6	73·8	·808	·804	·813	·828	·813	·758	79	66	63	77	71	75	"	3	3	4	1	K. Ck. C.	K. Ck. C.	Ck. C.
12	75·4	76·6	77·6	76·3	76·5	75·0	·814	·805	·823	·828	·818	·803	78	67	65	75	71	78	"	2	2	0	2	K.	K. Ck. C.	K.
13	75·4	76·7	77·0	76·5	76·8	74·9	·818	·816	·830	·847	·828	·812	79	69	66	79	73	82	"	1	0	0	2	K.	K. C.	K.
14	76·1	77·3	77·7	76·6	77·0	75·3	·844	·829	·846	·859	·845	·818	81	68	69	82	75	80	"	5	1	0	3	K.	K.	Ck. C.
15	75·7	78·0	78·2	77·3	77·7	75·1	·832	·858	·859	·887	·859	·819	81	70	68	84	76	82	"	8	0	0	2	K.	Ck. C.	K.
16	75·9	76·8	77·0	76·3	76·6	75·4	·848	·816	·813	·843	·830	·833	85	68	66	79	75	84	"	7	1	0	1	K.	K. C.	K. Ck.
17	75·5	77·5	78·3	76·5	77·1	74·9	·827	·856	·862	·845	·848	·809	81	74	68	79	76	81	"	3	4	3	4	K.	K. Ck. C.	K. Ck.
18	75·8	77·2	78·1	77·0	77·1	75·2	·831	·827	·851	·864	·843	·812	80	68	67	80	74	79	"	3	1	0	2	K.	K. Ck. C.	K.
19	76·2	78·6	79·2	78·3	78·3	75·8	·848	·881	·901	·920	·888	·836	81	69	71	84	76	81	"	0	2	1	5	*b.*	K. Ck. C.	K.
20	77·3	78·6	79·4	77·5	78·4	76·0	·899	·887	·905	·883	·894	·855	87	73	70	81	78	86	"	3	1	0	2	K. Ck. C.	K. C.	K. Ck. C.
21	76·0	77·7	78·5	77·3	77·6	75·6	·844	·833	·855	·867	·850	·833	82	66	66	78	73	82	"	2	3	0	3	K. Ck.	K. Ck. C.	K.
22	77·2	78·6	79·5	77·1	78·2	76·8	·888	·882	·909	·864	·886	·880	85	71	71	79	77	86	"	3	0	0	3	K. Ck. C.	K.	K. Ck. <
23	78·2	79·2	79·3	77·5	78·9	76·6	·913	·895	·880	·878	·892	·856	83	70	66	79	75	81	"	5	5	3	0	K. Ck. C.	K. C.	*b.*
24	76·5	78·4	79·5	77·7	78·3	76·1	·849	·861	·895	·877	·871	·838	80	67	68	77	73	79	"	1	1	2	4	K.	K. C.	K.
25	77·6	79·2	79·1	77·5	78·6	76·7	·881	·884	·880	·870	·879	·853	79	67	67	77	73	79	"	5	0	0	3	K.	K. Ck. C.	K.
26	77·2	79·8	80·0	79·0	79·1	76·6	·860	·906	·900	·922	·897	·848	77	68	66	78	72	79	"	3	4	1	2	K. Ck. C.	K. Ck. C.	K.
27	78·9	80·6	80·8	79·5	80·3	78·1	·937	·941	·936	·938	·938	·905	82	70	68	78	75	82	"	3	1	5	2	K. Ck. C.	K. Ck.	Pk. K.
28	78·3	80·5	80·2	78·5	79·6	77·9	·902	·937	·910	·896	·911	·892	79	70	66	76	73	80	"	2	4	4	7	K. Ck. C.	K. Ck. C.	K.
29	78·2	79·4	80·3	79·1	79·6	77·8	·898	·891	·913	·921	·906	·889	79	67	66	77	72	80	"	3	3	4	1	Pk. K. Ck. C.	K. Ck. C.	K. Ck. <
30	79·4	79·1	80·1	78·8	79·5	76·3	·954	·925	·930	·913	·931	·864	84	78	71	77	78	86	0·05	9	10	9	10	Pk. K. Ck. C.	Pk. K. Ck. C. *o. t. lr.*	Pk. K. Ck. C *o. t. lr.*
31	77·2	78·6	78·4	78·3	78·3	76·0	·878	·857	·882	·910	·882	·844	82	66	73	81	76	82	0·01	6	8	7	9	Pk. K. Ck. C. *t.* <	Pk. K. Ck. C	Pk. K. Ck. C. *lr.*
Mean	76·4	78·2	78·5	77·1	77·8	75·6	·853	·859	·860	·861	·858	·828	81	69	67	78	74	81	Total 0·06	3·9	2·5	1·7	2·6	...	...	...

BOMBAY—JUNE 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles
1	29·597	29·619	29·507	29·610	29·573	80·3	86·0	83·1	79·3	83·1	88·5	78·6	9·9	145·8	57·3	74·9	3·7	SSE	SSW	SW	SSE	403
2	·589	·627	·525	·605	·579	77·4	82·3	85·3	82·6	82·6	87·4	76·5	10·9	134·0	46·6	74·9	1·6	E	SSE	S	SSE	595
3	·611	·653	·587	·676	·630	80·6	86·2	87·2	82·6	84·8	87·5	77·5	10·0	141·8	54·3	74·8	2·7	ESE	SSE	SSW	SSE	634
4	·679	·707	·638	·724	·685	80·9	87·8	86·8	81·6	84·9	88·3	80·2	8·1	142·8	54·5	75·7	4·5	SE	S	SSW	SSW	569
5	·683	·698	·627	·695	·672	80·4	85·1	84·9	82·4	83·8	88·0	79·0	9·0	142·8	54·8	74·9	4·1	SE	S	SW	SSW	348
6	·668	·702	·660	·677	·678	82·4	81·7	79·0	79 6	80·4	84·3	77·6	6·7	136·0	51·7	74·8	2·8	W	SW	W	W	272
7	·629	·689	·620	·668	·649	79·6	79·5	86·0	83·2	82·5	86·4	77·6	8·8	133·6	47·2	75·1	2·5	SSE	S	WSW	W	310
8	·654	·677	·609	·666	·645	82·3	86·4	87·3	83·4	85·3	90·1	77·0	13·1	141·8	51·7	75·3	1·7	W	W	W	WSW	276
9	·644	·678	·597	·659	·642	81·8	84·4	83·8	81·1	83·3	87·4	81·0	6·4	144·8	57·4	75·6	5·4	SSW	SW	SSW	WSW	319
10	·641	·674	·571	·646	·628	79·4	83·3	85·4	82·0	83·3	87·3	77·8	9·5	141·9	54·6	74·9	2·9	SSW	S	WSW	SSW	199
11	·620	·671	·559	·630	·614	80·2	83·9	83·8	81·9	82·8	87·4	79·7	7·7	140·8	53·4	75·6	4·1	SSE	ENE	SSW	S	246
12	·612	·653	·552	·637	·605	80·6	86·3	84·4	83·4	84·1	88 6	79·9	8·7	144·8	56·2	75·4	4·5	ESE	ENE	SSW	SSE	296
13	·621	·618	·560	·648	·616	79·6	83·5	83·1	82·2	82·9	86·6	78·5	8·3	137·8	51·0	75·7	2·8	SSE	SSE	SSW	S	437
14	·618	·656	·550	·611	·604	78·6	79·9	80·5	80·3	80·0	83·1	77·0	6·1	133·0	49·9	74·9	2·1	SSE	S	W	SSW	429
15	·583	·611	·529	·621	·580	75·9	80·8	82·6	78·4	80·2	84·4	74·9	9·5	139·8	55·4	72·9	2·0	S	SSE	S	S	533
16	·573	·628	·555	·6[illegible]9	·587	78·5	77·4	81·6	80·3	79·7	82·4	76·9	5·5	123·8	41·4	74·6	2·3	SSE	SSW	SSW	SSW	578
17	·613	·651	·597	·673	·631	77·9	81·5	81·4	77·6	79·7	82·5	75·9	6·6	135·8	53·3	74·4	1·5	SSE	S	SSW	SSW	388
18	·620	·663	·583	·640	·625	78·4	79·1	76·6	77·3	77·9	80·7	75·5	5·2	110·8	30·1	73·7	1·8	WSW	WSW	W	W	497
19	·601	·655	·584	·627	·612	76·9	76·4	76·7	79·5	77·7	80·5	74·5	6·0	93·0	12·5	72·0	2·5	WSW	SW	WSW	SW	554
20	·570	·597	·563	·636	·588	78·4	77·6	81·2	79·4	79·6	82·6	75·6	7·0	126·7	44·1	72·1	3·5	SW	WSW	WSW	SW	533
21	·617	·655	·595	·660	·629	78·9	79·3	81·4	80·5	80·2	81·7	76·3	5·4	109·3	27·6	74·7	1·6	SW	SW	SW	SSW	488
22	·632	·663	·608	·655	·637	77·8	82·4	83·7	81·3	81·7	84·8	77·1	7·7	129·6	44·8	74·6	2·5	WSW	WSW	WSW	WSW	359
23	·616	·637	·571	·628	·610	81·0	77·3	82·9	81·3	81·2	84·7	77·8	6·9	122·6	37·9	75·2	2·6	WSW	W	WSW	SW	444
24	·611	·645	·613	·666	·630	81·2	82·1	81·3	81·4	81·9	84·4	77·1	7·3	128·4	44·0	75·6	1·5	WSW	WSW	SW	SW	434
25	·646	·699	·654	·700	·674	79·0	82·3	82·9	80·1	81·6	85·4	77·7	7·7	134·8	49·4	74·4	3·3	W	SW	SW	SSW	445
26	·677	·737	·674	·732	·702	80·7	83·4	84·6	81·6	83·1	86·4	78·0	8·4	137·8	51·4	75·6	2·4	SW	SW	SW	SW	376
27	·702	·744	·671	·720	·709	81·0	83·3	83·2	81·3	82·6	85·8	80·5	5·3	130·9	45·1	75·4	5·1	SW	W	SSW	WSW	346
28	·684	·727	·659	·723	·697	80·4	84·2	84·3	81·5	83·3	86·7	78·6	8·1	137·1	50·4	74·9	3·7	WSW	WSW	SW	WSW	329
29	·679	·714	·662	·687	·686	81·3	83·8	81·9	81·2	81·8	86·5	78·7	7·8	137·4	50·9	75·3	3·4	WSW	WSW	W	WSW	441
30	·639	·695	·590	·628	·635	76·0	76·8	80·3	81·4	79·1	82·0	74·9	7·1	109·0	27·0	72·1	2·8	W	W	WSW	WSW	584
Mean	29·631	29·669	29·596	29·659	29·635	79·6	82·1	82·9	81·0	81·8	85·4	77·6	7·8	132·3	46·6	74·7	2·9	...	...	...	...	422

N.B.— + ·012 is to be applied to reduce the barometric readings to the Calcutte Standard.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	75·5	78·2	78·4	76·8	77·8	74·6	·820	·861	·910	·889	·870	·804	79	69	80	89	79	82	0·28	6	6	10	10	K. Ck. C. <	Pk. K. Ck. C. *t. o.*	Pk. *r. o.*
2	75·5	77·7	79·5	77·5	77·8	74·4	·859	·889	·931	·877	·889	·825	91	81	77	79	82	91	0·41	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. K. Ck. *r. o.* ↗
3	76·7	79·5	80·7	77·9	79·0	75·0	·867	·919	·961	·894	·910	·836	83	73	74	80	78	89	0·06	5	5	4	7	K. Ck. *r.*	Pk. K. Ck. C.	Pk. K. C.
4	77·2	80·9	80·8	78·7	79·7	76·3	·885	·962	·971	·943	·940	·855	84	73	76	87	80	82	0·42	7	6	6	10	K. Ck. C.	Pk. K. Ck. C.	Pk. K. *r. o.*
5	76·5	79·8	80·1	78·5	79·1	75·2	·861	·947	·964	·923	·924	·824	83	78	80	83	81	83	*Nil*	10	7	10	10	Pk. K. *o. t.* <	Pk. K. Ck. C. *o.*	Pk. K. Ck. *o.*
6	79·1	78·9	76·7	77·5	77·8	75·0	·951	·952	·889	·917	·927	·835	86	88	90	91	89	89	1·67	10	10	10	10	Pk. K. *o. t.* <	Pk. K. *t. r. o.*	Pk. K. *r. o.*
7	77·6	78·2	80·6	79·4	79·3	74·9	·921	·949	·972	·954	·949	·831	91	94	78	84	87	88	0·45	10	10	8	7	Pk. *r. o.*	Pk. K. Ck. *c. t. r. o.*	Pk. K. Ck. C.
8	78·2	80·0	80·4	78·5	79·4	74·7	·911	·938	·946	·911	·927	·830	83	74	72	79	77	90	*Nil*	9	6	10	10	K. Ck. C.	K. Ck. C. *o.*	Pk. K. *o.*
9	78·7	79·5	79·5	77·5	78·9	76·3	·941	·943	·951	·897	·933	·844	87	79	82	85	83	79	0·09	10	10	10	6	Pk. K. Ck. *o.*	Pk. K. *t. o.*	Pk. K. Ck. *r.*
10	76·9	78·9	80·4	79·5	79·1	75·0	·892	·929	·972	·976	·942	·832	89	81	79	89	85	87	0·09	9	10	10	10	Pk. K. Ck. *t. r.* <	Pk. K. Ck. C. *o.*	Pk. K. *r. o.* <
11	77·4	79·9	79·4	78·5	78·9	76·7	·904	·968	·946	·930	·937	·880	88	83	81	85	84	87	0·03	10	10	10	9	Pk. K. Ck. *o. r.* <	Pk. K. Ck. *r. o.*	Pk. K. <
12	77·4	80·1	79·6	80·1	79·4	76·2	·898	·944	·948	·984	·944	·855	86	75	80	86	82	84	0·01	7	8	10	10	Pk. K. Ck.	Pk. K. *t. o.*	Pk. K. *o. r.* <
13	77·6	80·4	79·9	79·2	79·7	76·3	·921	·998	·979	·959	·964	·878	91	87	86	86	88	90	0·66	10	10	10	10	Pk. K. *o. r.* <	Pk. K. Ck. *r. o.*	Pk. K. *o. t. r.* <
14	77·4	78·1	78·5	78·7	78·2	75·3	·925	·939	·950	·961	·944	·856	94	92	91	93	93	92	1·40	10	10	10	10	Pk. K. *o. t. r.* <	Pk. K. *r. o.*	Pk. *r. o.* <
15	74·5	78·4	78·0	76·6	77·3	72·7	·836	·941	·898	·893	·892	·776	93	89	81	92	89	89	2·19	10	10	10	10	Pk. *o. r.* <	Pk. K. Ck. *o.*	Pk. *r. o.*
16	76·4	75·8	78·4	77·5	77·2	74·2	·883	·872	·930	·907	·898	·811	91	93	86	88	90	87	0·64	10	10	10	5	Pk. K. *o.*	Pk. K. *r. o.*	Pk. K. *r.*
17	76·4	78·6	78·0	76·3	77·4	73·0	·891	·940	·914	·891	·909	·774	93	87	85	94	90	86	0·66	8	9	10	10	Pk. K. Ck. C. *r.*	Pk. K. Ck. C. *r. o.*	Pk. *r. o.*
18	76·6	77·1	75·4	75·7	76·3	73·1	·893	·905	·865	·869	·883	·784	91	91	94	93	92	88	4·40	10	10	10	10	Pk. *r. o.*	Pk. *r. o.*	Pk. *r. o.*
19	74·5	74·9	74·7	76·7	75·6	72·8	·823	·846	·834	·882	·846	·785	89	93	91	88	90	92	4·61	10	10	10	10	Pk. *r. o.*	Pk. *r. o.*	Pk. K. *r. o.* ↗
20	76·7	76·6	76·7	76·6	76·9	73·3	·897	·904	·859	·879	·885	·790	92	95	81	88	89	89	1·68	10	10	10	7	Pk. *r. o.*	Pk. *r. o.*	Pk. K. *r.*
21	76·6	77·6	78·6	78·4	77·9	74·6	·886	·925	·942	·945	·925	·835	90	92	88	91	90	92	1·02	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
22	76·2	79·0	78·9	77·8	78·4	75·3	·885	·946	·925	·907	·916	·854	93	85	80	85	86	92	0·44	10	9	6	6	Pk. K. *r. o.*	Pk. K. Ck. C. *r.*	Pk. K. *r.*
23	77·5	75·5	78·6	78·3	77·6	74·8	·898	·860	·921	·930	·902	·823	85	92	82	87	87	86	0·48	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
24	77·8	78·7	77·7	78·2	78·4	74·9	·908	·936	·903	·923	·918	·837	85	85	85	86	85	90	0·30	10	10	10	9	Pk. K. *o.*	Pk. K. *r. o.*	Pk. K. *r.*
25	75·5	78·8	79·3	77·0	78·0	74·1	·837	·939	·954	·888	·905	·796	85	85	85	87	86	84	0·46	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
26	76·2	79·2	79·5	78·6	78·7	74·6	·844	·943	·941	·939	·917	·812	80	82	79	87	82	84	0·02	10	9	6	9	Pk. K. *r. o.*	Pk. K. Ck. C. *r.*	K. Ck.
27	77·5	76·8	79·3	77·4	77·9	76·8	·898	·835	·949	·888	·893	·873	85	73	83	83	81	84	0·04	8	9	9	10	Pk. K. *r.*	Pk. K. *r.*	Pk. K. C. *r. o.*
28	77·3	78·9	78·2	77·0	78·2	75·0	·897	·918	·834	·868	·892	·821	87	78	75	81	80	84	0·04	10	5	10	10	Pk. K. *r. o.*	Pk. K. Ck. C. *o.*	Pk. K. *r. o.*
29	77·2	78·2	76·3	77·2	77·1	75·2	·880	·891	·833	·881	·871	·828	83	77	77	83	80	84	0·27	10	9	10	10	Pk. K. *o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
30	74·5	74·7	77·5	77·3	76·1	73·3	·835	·833	·907	·883	·865	·800	93	91	88	83	89	93	1·73	10	10	10	9	Pk. *r. o.*	Pk. *r. o.*	Pk. K. *r.*
Mean	76·8	78·3	78·7	77·8	78·1	74·8	·885	·919	·925	·913	·911	·826	88	84	82	86	85	87	Total 24·55	9·3	8·9	9·3	9·1	...	...	...

BOMBAY—JULY 1890.

DATE.	BAROMETER REDUCED TO 32°.					TEMPERATURE OF AIR.								TEMPERATURE OF RADIATION.				WIND.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·588	29·626	29·570	29·624	29·599	80·5	82·4	81·0	79·5	81·3	84·4	75·9	8·5	127·8	43·4	74·2	1·7	WSW	W	W	SSW	515
2	·585	·639	·603	·673	·624	80·1	82·4	81·2	81·1	81·6	84·2	76·0	8·2	123·7	39·5	72·4	3·6	W	W	WSW	WSW	471
3	·648	·727	·702	·738	·705	80·4	82·8	81·3	80·4	81·3	84·6	77·8	6·8	129·9	45·3	74·9	2·9	WSW	SW	SW	SSW	512
4	·735	·783	·748	·791	·763	79·9	82·4	82·8	80·7	82·0	85·2	76·0	9·2	136·8	51·6	73·9	2·1	SW	SW	SW	SW	438
5	·765	·810	·742	·792	·773	79·5	83·0	82·6	80·6	81·5	84·3	77·9	6·4	138·8	54·5	74·5	3·4	WSW	WSW	WSW	WSW	447
6	·754	·780	·686	·718	·730	79·4	79·4	82·4	80·6	80·9	84·6	76·8	7·8	136·8	52·2	74·6	2·2	W	W	WSW	WSW	472
7	·659	·704	·635	·722	·674	79·9	79·4	83·4	80·9	81·2	85·3	77·7	7·6	132·9	47·6	74·9	2·8	WSW	WNW	W	WSW	528
8	·703	·762	·699	·773	·731	79·8	82·3	82·6	80·7	81·7	85·6	77·6	8·0	136·8	51·2	74·6	3·0	WSW	W	WSW	WSW	509
9	·732	·760	·687	·727	·722	77·2	80·6	81·8	80·8	80·4	82·5	76·0	6·5	125·8	43·3	74·4	1·6	WSW	WSW	W	WSW	544
10	·686	·718	·658	·710	·688	76·4	80·5	80·2	80·0	79·4	83·4	75·2	8·2	128·8	45·4	73·9	1·3	WNW	W	WSW	W	582
11	·689	·723	·673	·737	·704	80·3	81·0	81·0	79·3	80·5	83·5	76·4	7·1	136·7	53·2	74·6	1·8	WSW	WSW	WSW	WSW	524
12	·695	·746	·651	·695	·694	77·7	78·5	81·8	80·4	79·6	82·9	76·0	6·9	132·3	49·4	73·9	2·1	WNW	WSW	W	W	549
13	·654	·700	·645	·701	·674	79·4	83·1	81·4	80·4	81·3	84·3	76·6	7·7	136·0	51·7	73·1	3·5	W	W	W	WSW	523
14	·667	·714	·648	·711	·683	79·6	83·1	83·4	78·4	81·6	84·9	77·9	7·0	135·9	51·0	73·7	4·2	W	W	W	WSW	488
15	·660	·704	676	·707	·686	79·1	81·3	75·4	80·0	78·7	82·8	76·4	6·4	119·9	37·1	73·7	2·7	WSW	WSW	W	WSW	505
16	·668	·714	·645	·668	·677	78·9	77·7	76·0	79·9	77·9	81·7	74·5	7·2	123·1	41·4	72·7	1·8	WSW	WSW	W	W	515
17	·631	·670	·590	·655	·634	78·4	80·4	79·0	78·5	79·5	82·7	74·5	8·2	132·6	49·9	73·4	1·1	W	W	W	WSW	526
18	·619	·665	·586	·656	·628	79·3	80·2	81·2	77·4	80·0	83·7	76·8	6·9	126·8	43·1	73·9	2·9	W	WSW	W	WSW	560
19	·604	·358	·584	·619	·614	77·6	77·5	77·1	78·8	78·1	80·8	76·5	4·3	95·9	15·1	73·9	2·6	W	WSW	WSW	W	514
20	·583	·617	·547	·581	·579	78·3	81·5	78·5	79·4	79·7	83·6	76·2	7·4	126·5	42·9	74·0	2·2	WNW	W	W	W	464
21	·543	·591	·520	·591	·556	77·4	78·1	78·4	79·0	78·4	80·5	75·6	4·9	109·6	29·1	73·7	1·9	WNW	WSW	WSW	W	466
22	·579	·622	·553	·618	·590	75·8	80·1	80·8	77·7	79·1	82·6	75·0	7·6	126·2	43·6	73·0	2·0	W	W	WSW	WSW	393
23	·593	·622	·558	·604	·591	77·6	79·0	81·5	77·3	79·6	83·4	75·7	7·7	134·9	51·5	73·7	2·0	WSW	W	WSW	WSW	393
24	·586	·627	·571	·628	·600	75·5	80·4	79·8	79·3	79·3	82·5	74·9	7·6	121·1	38·6	73·4	1·5	WSW	W	WSW	WSW	530
25	·646	·685	·626	·669	·655	79·5	80·2	80·4	79·4	80·1	82·6	75·8	6·8	117·5	34·9	74·6	1·2	WSW	WSW	WSW	WSW	500
26	·619	677	·616	·688	·645	79·2	81·8	80·2	79·1	80·6	84·5	77·0	7·5	136·0	51·5	74·9	2·1	WSW	WSW	WSW	WSW	480
27	·669	·718	·663	·726	·690	79·0	82·4	81·1	79·2	80·7	83·8	77·0	6·8	133·7	49·9	74·8	2·2	WSW	SW	SW	WSW	384
28	·705	·757	·687	·754	·723	77·6	80·5	77·6	79·3	78·3	81·4	76·7	4·7	117·8	36·4	73·9	2·8	WSW	SW	WSW	WSW	417
29	·704	·772	·692	·750	·729	76·7	75·4	80·4	76·7	77·4	81·0	75·0	6·0	104·8	23·8	74·1	0·9	W	W	WSW	SW	481
30	·684	·728	·646	·709	·687	76·4	81·3	82·4	79·6	80·6	84·3	75·0	9·3	133·7	49·4	72·6	2·4	W	W	W	WSW	450
31	·683	·738	·670	·738	·705	78·5	80·6	80·4	78·5	79·6	82·2	76·9	5·3	124·7	42·5	74·1	2·8	W	W	WSW	WSW	481
Mean	29·656	29·702	29·638	29·693	29·669	78·5	80·6	80·6	79·5	80·1	83·4	76·2	7·1	127·2	43·9	73·9	2·3	...	...	...	...	489

N.B.—+·012 is to be applied to reduce the barometric readings to the Calcutta Standard.

BOMBAY—JULY 1890.

DATE.	TEMPERATURE OF EVAPORATION.						COMPUTED VAPOUR TENSION.						RELATIVE HUMIDITY.						Rainfall, Inches.	CLOUD.				CLOUD AND WEATHER INITIALS.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A. M.	10 A. M. to 4 P. M.	After 4 P. M.
1	76·7	77·9	75·9	77·1	77·3	73·6	·869	·896	·827	·899	·873	·799	84	81	78	89	83	89	0·78	10	10	10	10	Pk. K. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *r. o.*
2	77·0	78·4	78·0	77·7	78·0	73·7	·888	·919	·917	·905	·907	·802	87	83	86	85	85	89	0·34	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K *r. o.*
3	76·5	78·3	77·7	77·4	77·2	75·3	·861	·909	·903	·901	·894	·845	83	81	85	87	84	89	0·27	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
4	76·5	77·9	78·4	76·6	77·6	73·4	·864	·896	·913	·862	·885	·790	85	81	81	83	83	88	0·09	8	8	10	7	Pk. K. Ck. *r.*	Pk. K. Ck. C. *o.*	Pk. K.
5	76·4	77·9	77·4	77·4	77·4	74·8	·869	·889	·871	·898	·882	·822	87	79	78	86	83	86	0·03	4	10	10	10	Pk. K. Ck. C. *r.*	Pk. K. *o.*	Pk. K. *r. o.*
6	75·8	74·8	76·5	76·6	76·3	74·8	·845	·802	·834	·863	·836	·837	85	80	75	83	81	91	0·04	10	10	10	9	Pk. K. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *r.*
7	76·7	76·5	78·0	77·5	77·0	74·3	·878	·874	·887	·899	·885	·803	86	87	77	85	84	84	0·36	9	10	9	10	Pk. K. Ck. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
8	76·8	78·3	77·5	77·6	77·4	74·1	·883	·916	·877	·907	·896	·797	87	83	79	87	84	84	0·05	10	10	10	8	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K.
9	74·7	77·6	77·6	77·3	77·0	73·6	·827	·908	·885	·891	·878	·798	89	87	82	85	86	88	0·65	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
10	75·1	77·3	76·3	76·7	76·1	72·8	·855	·895	·855	·876	·870	·776	94	86	82	86	87	88	1·28	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
11	76·3	77·0	77·3	76·1	76·6	74·2	·854	·875	·888	·859	·869	·817	82	83	84	86	84	90	0·41	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
12	75·5	75·5	77·7	76·6	76·2	74·1	·855	·844	·896	·866	·865	·818	90	87	83	84	86	91	1·37	10	10	10	4	Pk. K. *o.*	Pk. K. *r. o.*	Pk. K. *r.*
13	76·5	79·0	77·4	76·7	77·5	74·3	·874	·937	·887	·870	·892	·819	87	83	83	84	84	89	0·34	10	6	10	10	Pk. K. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *o.*
14	76·2	78·1	77·9	76·2	77·4	74·5	·859	·896	·883	·875	·878	·809	85	79	77	90	85	84	0·08	7	3	8	10	Pk. K. Ck. *r.*	Pk. K. Ck. C. *o.*	Pk. K. *r. o.*
15	76·4	77·3	73·9	77·0	75·9	73·8	·874	·884	·818	·889	·866	·801	88	83	93	87	88	88	1·23	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
16	76·3	76·3	74·5	76·5	75·8	72·8	·873	·889	·835	·869	·867	·785	89	93	93	85	90	92	2·41	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
17	74·6	77·3	76·0	75·5	76·0	72·9	·807	·897	·858	·844	·852	·789	83	87	87	87	86	93	0·26	10	8	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
18	75·1	76·6	77·2	75·1	76·1	74·3	·816	·869	·881	·842	·852	·816	81	85	83	90	85	88	0·17	9	10	10	10	Pk. K.	Pk. K. *o.*	Pk. *r. o.*
19	75·1	75·7	75·2	76·0	75·6	73·9	·839	·866	·850	·861	·854	·803	89	92	91	88	90	88	0·83	10	10	10	10	Pk. K. *o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
20	76·4	78·2	76·0	77·0	77·1	74·0	·885	·922	·865	·896	·892	·811	91	86	89	89	89	90	0·59	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
21	76·4	77·1	76·3	76·6	76·7	74·4	·898	·919	·880	·884	·895	·836	95	95	91	89	93	94	3·25	10	10	10	10	Pk. K. *r. o.*	Pk. *r. o.*	Pk. K. *r. o.*
22	74·1	77·3	77·1	76·1	76·4	73·7	·821	·901	·882	·881	·871	·816	92	88	84	93	89	94	0·72	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
23	75·4	77·5	77·5	75·6	76·9	74·2	·852	·925	·891	·865	·883	·827	90	93	83	92	90	93	1·13	10	10	7	10	Pk. K. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *r. o.*
24	74·0	76·9	76·6	76·6	76·4	73·4	·821	·879	·875	·880	·864	·804	93	85	86	88	88	93	0·79	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
25	76·6	77·5	77·2	76·5	77·1	74·2	·877	·909	·892	·874	·888	·826	87	88	86	87	87	93	0·36	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
26	76·4	77·5	77·3	76·4	77·2	74·6	·873	·887	·900	·874	·884	·825	88	82	87	88	86	89	0·06	10	6	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
27	75·9	78·0	76·6	75·8	76·8	74·6	·854	·900	·856	·846	·864	·825	87	81	81	85	84	89	0·15	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
28	75·6	77·7	75·7	76·5	76·1	74·0	·860	·913	·865	·876	·879	·805	91	88	91	91	90	87	0·80	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
29	75·4	74·0	77·5	74·7	75·2	73·6	·864	·822	·906	·834	·857	·811	94	93	87	91	91	93	1·74	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
30	74·9	77·4	77·4	76·4	76·9	73·4	·846	·888	·874	·868	·869	·803	93	83	79	86	85	93	0·47	10	8	7	10	Pk. K. *r. o.*	Pk. K. Ck.	Pk. K. *r. o.*
31	75·3	76·5	77·0	76·3	76·4	74·6	·835	·859	·883	·878	·864	·827	85	83	85	90	86	90	0·49	10	9	10	10	Pk. K. *r. o.*	P. K. *r. o.*	Pk. K. *r. o.*
Mean	75·8	77·2	76·9	76·5	76·7	74·0	·857	·890	·875	·875	·875	·811	88	85	84	87	86	90	Total 21·34	9·6	9·3	9·7	9·6	...	...	...

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·696	29·764	29·693	29·751	29·724	78·6	77·1	76·2	76·8	77·2	82·0	74·7	7·3	99·6	17·6	72·6	2·1	W	W	W	W	·516
2	·703	·748	·687	·732	·714	77·9	79·5	80·9	78·6	79·6	82·4	74·0	8·4	129·9	47·5	71·9	2·1	W	W	W	WSW	·522
3	·690	·737	·680	·750	·711	78·4	79·1	79·6	79·4	79·4	82·6	76·0	6·6	133·8	51·2	74·3	1·7	WSW	WSW	WSW	WSW	·467
4	·712	·758	·689	·759	·725	77·4	81·3	80·4	77·7	79·8	83·8	75·9	7·9	133·9	50·1	73·9	2·0	WSW	W	W	W	·450
5	·700	·732	·639	·714	·691	78·4	78·6	80·4	79·0	79·5	84·5	76·0	8·5	126·8	42·3	74·4	1·6	W	W	W	W	·417
6	·646	·684	·586	·653	·637	78·1	78·4	79·5	77·4	78·9	83·1	76·2	6·9	127·7	44·6	74·9	1·3	WNW	W	WNW	WNW	·457
7	·620	·671	·599	·680	·639	77·3	78·6	78·8	77·1	77·7	80·4	75·9	4·5	106·3	25·9	73·9	2·0	W	W	W	W	·549
8	·673	·730	·664	·749	·701	78·2	80·2	81·4	77·4	79·9	83·9	75·6	8·3	137·3	53·4	74·4	1·2	W	W	W	WSW	·466
9	·710	·748	·664	·730	·709	78·1	79·8	80·4	78·4	79·7	83·1	76·2	6·9	137·6	54·5	72·8	3·4	WSW	W	WSW	WSW	·426
10	·664	·699	·628	·667	·660	77·5	80·3	78·3	77·3	78·4	82·8	75·3	7·5	133·9	51·1	69·6	5·7	WSW	WSW	W	W	·540
11	·627	·679	·642	·736	·667	78·5	80·5	80·1	78·6	79·7	83·2	75·1	8·1	136·2	53·0	74·5	0·6	W	W	WSW	WSW	·594
12	·726	·789	·729	·787	·755	75·1	78·0	81·3	78·9	79·1	83·3	74·8	8·5	135·7	52·4	73·3	1·5	WSW	W	WSW	WSW	·494
13	·749	·803	·731	·791	·764	78·3	80·4	80·4	77·4	79·6	83·1	76·1	7·0	133·8	50·7	73·9	2·2	W	WSW	W	W	·445
14	·736	·782	·714	·822	·760	78·0	80·9	78·8	75·6	78·3	82·9	75·2	7·7	130·2	47·3	73·4	1·8	WSW	WSW	W	W	·487
15	·778	·841	·766	·844	·803	77·7	78·6	82·2	78·6	79·9	84·2	74·6	9·6	133·8	49·6	72·5	2·1	W	W	W	W	·445
16	·781	·837	·760	·808	·792	78·4	79·5	81·7	76·9	79·7	84·5	76·9	7·6	136·7	52·2	72·7	4·2	W	W	W	W	·437
17	·766	·804	·725	·785	·766	76·7	80·2	81·0	78·5	79·5	82·7	75·3	7·4	127·0	44·3	72·1	3·2	WNW	W	WSW	WSW	·363
18	·764	·814	·737	·798	·776	78·2	78·2	80·6	78·6	79·1	82·4	74·0	8·4	132·9	50·5	72·9	1·1	WSW	WSW	WSW	WSW	·384
19	·759	·809	·756	·821	·782	77·9	80·4	80·3	78·5	79·7	82·6	74·6	8·0	134·8	52·2	72·4	2·2	WSW	SW	WSW	W	·415
20	·775	·822	·768	·846	·800	76·3	79·6	75·5	74·9	77·1	81·6	75·7	5·9	128·6	47·0	73·4	2·3	W	NW	WNW	WNW	·331
21	·811	·852	·784	·852	·820	77·1	79·0	80·1	78·4	79·3	83·8	74·8	9·0	139·8	56·0	71·9	2·9	W	W	W	W	·287
22	·815	·845	·775	·836	·813	77·5	80·9	80·1	75·7	78·3	83·4	75·9	7·5	139·8	56·4	70·9	5·0	W	WSW	WSW	W	·280
23	·790	·849	·773	·840	·809	77·5	80·0	79·4	76·4	78·8	83·2	74·4	8·8	142·4	59·2	72·7	1·7	WSW	W	W	W	·332
24	·800	·869	·800	·861	·828	77·0	81·4	80·4	78·0	79·6	83·1	75·0	8·1	135·7	52·6	71·1	3·9	WNW	W	W	W	·237
25	·832	·882	·794	·845	·833	76·2	81·3	82·5	79·1	80·5	84·9	74·9	10·0	138·0	53·1	71·7	3·2	WNW	WNW	WNW	W	·267
26	·845	·888	·793	·838	·835	78·0	81·8	82·6	79·0	81·0	84·8	76·9	7·9	137·1	52·3	71·1	5·8	W	WNW	NW	NW	·232
27	·801	·849	·754	·807	·799	77·3	75·6	81·8	77·8	78·9	83·4	76·5	6·9	140·6	57·2	70·3	6·2	NW	E	W	W	·155
28	·804	·855	·786	·865	·821	76·4	81·4	82·0	77·6	80·1	84·4	75·0	9·4	138·4	54·0	68·9	6·1	W	SW	WSW	WSW	·200
29	·829	·879	·789	·848	·832	77·2	81·4	82·0	76·1	79·8	84·3	75·9	8·4	137·6	53·3	69·3	6·6	WSW	WSW.	WSW	WSW	·282
30	·796	·845	·745	·799	·791	76·4	76·7	77·9	76·9	77·7	82·0	74·7	7·3	137·3	55·3	71·7	3·0	W	WSW	WSW	WSW	·336
31	·746	·795	·725	·809	·763	75·1	78·3	80·4	78·0	78·5	82·4	74·2	8·2	134·9	52·5	71·8	2·4	WSW	SW	WSW	W	·272
Mean	29·747	29·795	29·722	29·788	29·759	77·4	79·6	80·2	77·7	79·2	83·2	75·4	7·8	132·8	49·7	72·4	2·9	...	...	...	...	·390

N.B.—+·012 is to be applied to reduce the barometric readings to the Çalcutta Standard.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	75·1	74·9	74·3	75·7	75·1	73·0	·825	·837	·824	·876	·841	·790	84	90	91	95	90	92	2·49	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
2	75·3	76·5	76·4	76·0	76·3	72·7	·844	·873	·850	·864	·858	·788	89	87	80	89	86	94	0·55	10	10	10	10	Pk. K. *r. o.*	Pk. K. Ck. *r. o.*	Pk. K. *r. o.*
3	75·6	76·2	76·2	75·9	76·1	73·6	·849	·865	·859	·849	·856	·798	88	87	85	85	86	88	0·07	10	10	9	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
4	75·2	77·4	76·5	74·8	76·3	73·5	·846	·888	·861	·824	·855	·795	90	83	83	86	86	88	0·12	10	10	9	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
5	75·6	75·5	76·9	75·9	76·1	74·0	·849	·843	·879	·854	·856	·814	88	87	85	87	87	91	0·02	10	10	10	10	Pk. K. Ck. C. *r. o.*	Pk. K. *r. o.*	Pk. K. Ck. C. *o.*
6	76·3	76·4	76·5	75·8	76·4	74·6	·884	·884	·873	·872	·878	·837	92	91	87	93	91	93	0·39	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
7	75·6	76·0	75·7	75·1	75·6	74·5	·864	·864	·848	·846	·856	·836	92	89	87	91	90	93	1·54	10	10	10	10	Pk. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
8	75·3	77·0	76·7	75·0	76·3	73·9	·839	·886	·856	·837	·855	·815	86	86	80	89	85	92	0·19	10	10	8	10	Pk. K. *r. o.*	Pk. K. *o.*	Pk. *r. o.*
9	75·6	76·6	76·0	75·1	76·0	74·1	·853	·874	·839	·828	·849	·816	89	86	80	85	85	91	0·16	10	10	10	7	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. Ck. *r.*
10	74·8	76·4	74·9	75·5	75·6	73·6	·827	·858	·820	·860	·841	·807	88	82	84	92	87	92	0·48	10	9	10	10	Pk. K. Ck. C. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
11	75·3	76·3	76·2	75·3	76·0	73·5	·835	·851	·852	·834	·843	·806	85	81	82	85	83	93	0·32	10	10	10	10	Pk. K. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *r. o.*
12	72·5	75·2	76·1	74·6	75·2	71·9	·766	·838	·831	·800	·809	·744	88	87	78	81	84	86	0·14	10	10	10	3	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. Ck.
13	75·4	76·6	76·2	74·5	75·9	73·6	·842	·866	·848	·817	·843	·796	86	84	81	86	84	88	0·10	10	9	9	10	Pk. K. *r. o.*	Pk. K. *r.*	Pk. K. *r. o.*
14	74·7	76·3	75·0	73·7	75·0	73·7	·817	·846	·818	·807	·822	·813	85	80	83	91	85	93	0·37	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r.o.*	Pk. K. *r. o.*
15	73·7	74·5	76·1	73·9	74·9	72·7	·779	·801	·820	·774	·794	·779	82	82	75	79	80	90	0·38	10	10	4	4	Pk. K. Ck. *r. o.*	Pk. K. *r. o.*	K. Ck.
16	74·6	76·0	76·3	74·7	75·8	73·3	·807	·852	·835	·831	·831	·773	83	85	77	90	84	84	0·08	10	9	7	10	Pk. K. *o.*	Pk. K. Ck. *c. r.*	Pk. K. *r. o.*
17	73·3	75·8	76·3	74·8	75·4	72·8	·775	·833	·844	·813	·816	·775	84	80	79	83	82	88	0·15	10	10	10	9	Pk. K. *r. o.*	Pk. K. *o.*	Pk. K. Ck. C.
18	74·5	74·3	75·8	74·7	74·9	72·5	·805	·796	·828	·808	·809	·780	83	82	79	82	82	93	0·07	10	10	9	4	Pk. K. Ck. *o.*	Pk. K. Ck. *r. o.*	Pk. K.
19	74·4	76·7	76·1	74·1	75·5	72·1	·805	·870	·845	·784	·826	·756	84	84	81	80	82	88	0·09	8	7	9	10	Pk. K. Ck. C.	Pk. K. Ck. *r. o.*	Pk. K. *r. o.*
20	74·1	76·2	74·2	73·5	74·8	72·5	·814	·859	·830	·808	·828	·757	90	85	94	93	91	85	0·56	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
21	74·5	75·6	76·3	74·9	75·8	72·8	·821	·840	·857	·819	·834	·781	89	85	83	84	85	90	0·15	10	10	10	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. K. *r. o.*
22	73·9	76·7	75·5	73·8	74·8	73·3	·790	·863	·823	·809	·821	·787	84	82	89	91	84	88	0·17	10	10	9	10	Pk. K. *r. o.*	Pk. K. *r. o.*	Pk. *r. o.*
23	74·5	76·4	74·9	73·4	75·0	72·6	·816	·863	·806	·784	·817	·778	86	85	80	86	84	91	0·12	10	10	10	10	Pk. K. Ck. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *r. o.*
24	73·7	76·3	75·5	73·5	75·1	72·7	·789	·839	·818	·767	·803	·774	85	78	78	80	80	89	0·09	10	8	10	10	Pk. K. *r. o.*	Pk. K. Ck. C. *r. o.*	Pk. K. *o.*
25	73·7	76·5	75·6	74·4	75·5	72·8	·799	·849	·793	·789	·808	·780	88	80	71	79	80	90	0·03	10	6	2	5	Pk. K. *r. o.*	Pk.K. Ck. C.	Pk. K. *o.*
26	74·4	76·4	75·5	73·7	75·4	73·6	·804	·838	·789	·762	·798	·786	84	77	71	77	77	85	0·06	9	4	4	5	Pk. K.	Pk. K. Ck. C. *r.*	K. Ck. C.
27	74·5	73·2	74·8	73·1	74·2	72·9	·818	·786	·769	·753	·782	·762	87	88	71	79	81	84	0·60	8	10	8	2	Pk. K. Ck.	Pk. K. *r. o.*	Pk. K.Ck.C.
28	72·3	75·1	75·4	73·4	74·4	71·8	·739	·788	·793	·767	·772	·738	82	73	73	81	77	85	*Nil*	2	6	6	1	K. Ck. C.	Pk. K. Ck. C.	K. Ck.
29	72·4	75·0	75·4	72·8	74·1	71·8	·733	·783	·793	·764	·768	·726	78	73	73	85	77	82	,,	6	8	10	10	K. Ck. C.	Pk. K. Ck. C. *o.*	Pk. K. *o.*
30	73·3	73·0	74·5	72·2	73·7	71·9	·780	·763	·809	·728	·770	·746	86	83	84	78	83	87	0·58	9	10	10	10	Pk. K. *r.*	Pk. K. Ck. C. *r. o.*	Pk. *r. o.*
31	73·1	75·5	76·3	74·5	75·2	71·9	·789	·847	·853	·808	·824	·752	90	88	82	84	86	89	0·54	10	9	10	7	Pk. *r. o.*	Pk. K. *r. o.*	K. Ck. C. *r.*
Mean	74·4	75·8	75·7	74·5	75·4	73·0	·813	·843	·831	·811	·825	·783	86	84	81	85	84	89	Total 10·61	9·4	9·2	8·8	8·3	...	...	...

BOMBAY—SEPTEMBER 1890.

Dates.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocternal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles
1	29·787	29·839	29·782	29·853	29·811	77·0	81·6	79·3	77·3	78·9	83·0	75·3	7·7	137·9	54·9	70·7	4·6	WSW	S	SSW	SW	211
2	·834	·894	·819	·890	·855	77·3	80·4	79·5	77·5	79·5	84·6	76·0	8·6	135·3	50·7	71·5	4·5	S	S	WNW	WNW	231
3	·851	·905	·825	·889	·864	77·0	79·4	81·5	78·1	79·7	84·6	75·0	9·6	134·8	50·2	69·9	5·1	W	E	W	WNW	204
4	·830	·877	·769	·829	·819	77·3	81·6	82·0	78·3	80·3	84·3	76·0	8·3	139·5	55·2	70·1	5·9	W	WNW	WNW	WNW	207
5	·783	·842	·749	·792	·788	77·3	81·4	82·4	78·6	80·4	85·0	75·7	9·3	141·8	56·8	69·9	5·8	W	W	W	W	182
6	·755	·790	·706	·772	·749	78·3	81·6	81·5	79·1	80·7	84·9	77·0	7·9	145·8	60·9	70·9	6·1	WNW	WNW	WNW	W	231
7	·740	·786	·697	·751	·737	77·0	81·9	83·4	79·0	80·9	84·7	75·0	9·7	143·4	58·7	69·0	6·0	W	ESE	W	NNW	164
8	·723	·768	·656	·727	·709	77·4	79·3	81·2	79·6	79·9	83·4	76·3	7·1	125·4	42·0	70·3	6·0	NNW	N	NW	N	177
9	·683	·730	·606	·684	·666	79·1	81·5	81·5	78·4	80·6	86·0	77·5	8·5	138·5	52·5	73·4	4·1	ENE	NE	NW	NW	273
10	·643	·694	·589	·661	·640	77·3	80·8	82·0	78·2	80·1	84·3	76·7	7·6	138·6	54·3	75·1	1·6	NW	NW	W	NNW	219
11	·668	·724	·635	·717	·681	77·4	77·5	76·8	76·2	76·9	80·4	76·0	4·4	115·4	35·0	74·6	1·4	WNW	W	W	W	321
12	·685	·742	·659	·739	·699	78·4	82·4	82·2	78·0	80·7	84·4	74·5	9·9	142·6	58·2	73·4	1·1	W	WSW	WSW	W	333
13	·693	·754	·691	·777	·722	78·3	82·0	80·1	78·8	80·5	84·9	76·8	8·1	138·3	53·4	72·6	4·2	W	WSW	W	W	297
14	·746	·812	·710	·757	·752	77·0	81·7	81·3	79·4	80·3	84·3	75·8	8·5	144·9	60·6	71·5	4·3	W	WSW	W	WSW	355
15	·709	·761	·674	·759	·719	77·0	76·4	77·1	76·1	76·8	79·4	75·0	4·4	99·4	20·0	73·6	1·4	WSW	WNW	W	NE	254
16	·735	·787	·703	·799	·748	74·1	79·0	82·0	77·9	79·0	83·9	72·8	11·1	136·3	52·4	70·7	2·1	WNW	S	W	W	125
17	·785	·841	·767	·840	·802	75·4	80·9	81·9	78·3	79·9	83·8	74·7	9·1	145·1	61·3	72·1	2·6	N	SW	W	NW	138
18	·815	·854	·751	·827	·805	76·6	80·7	82·7	79·5	80·5	85·2	76·4	8·8	139·7	54·5	72·2	4·2	ENE	ESE	WNW	WNW	211
19	·787	·845	·750	·829	·794	79·1	81·8	82·4	79·4	81·1	85·1	77·8	7·3	140·3	55·2	74·7	3·1	W	W	WNW	WNW	363
20	·811	·856	·779	·860	·819	79·4	82·0	78·9	79·2	80·0	83·3	78·0	5·3	128·8	45·5	74·1	3·9	W	W	WNW	W	356
21	·827	·877	·804	·863	·836	78·6	81·3	80·4	78·4	79·8	82·3	77·9	4·4	114·8	32·5	73·6	4·3	W	WNW	WNW	WNW	324
22	·829	·882	·803	·860	·838	77·4	81·4	81·4	77·9	80·1	85·0	76·8	8·2	141·6	56·6	70·9	5·9	WNW	NW	NW	NW	220
23	·842	·889	·791	·874	·841	76·9	81·1	82·6	79·1	80·6	85·3	76·6	8·7	139·4	54·1	70·9	5·7	ENE	ENE	NW	WNW	232
24	·847	·894	·782	·846	·832	78·4	81·3	81·5	78·3	80·2	83·4	77·0	6·4	137·8	54·4	71·0	6·0	WNW	WNW	WNW	WNW	272
25	·802	·839	·750	·814	·792	76·3	82·4	82·9	79·7	81·0	85·8	75·2	10·6	140·4	54·6	69·3	5·9	WNW	W	W	W	269
26	·777	·824	·753	·829	·788	77·7	82·4	81·9	79·6	81·0	85·5	77·0	8·5	138·0	52·5	69·9	7·1	W	W	W	W	306
27	·812	·870	·789	·879	·829	78·5	81·9	82·3	80·3	81·3	84·6	78·0	6·6	153·8	69·2	71·8	6·2	W	W	W	WNW	227
28	·875	·917	·839	·908	·877	77·2	81·9	83·4	79·5	81·2	86·3	75·9	10·4	149·7	63·4	70·8	5·1	ENE	SE	NW	NNW	220
29	·885	·938	·825	·886	·877	77·4	81·7	83·2	79·0	81·0	85·5	77·0	8·5	141·8	56·3	70·1	6·9	N	NNE	NW	NNW	251
30	·862	·924	·790	·848	·848	77·2	81·8	82·3	78·8	80·7	86·1	75·3	10·8	137·4	51·3	69·0	6·3	NNE	N	NW	NW	283
Mean	29·781	29·832	29·741	29·812	29·785	77·4	81·0	81·4	78·6	80·1	84·3	76·2	8·1	136·9	52·6	71·6	4·6	...	...	...	...	249

N.B.—+·012 is to be applied to reduce the barometric readings to the Calcutta Standard.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	73·5	77·8	74·5	74·1	74·8	72·8	·837	·903	·791	·801	·833	·775	84	84	79	81	82	88	*Nil*	3	6	10	7	Pk. K. Ck.	Pk. K. Ck. C. *o.*	K. Ck. C. ⌓
2	74·9	77·0	74·5	74·7	75·7	73·6	·834	·883	·788	·823	·832	·798	89	85	78	87	85	88	„	9	8	9	0	Pk. K. Ck. C.⌓	Pk. K. Ck. C.	C.⌓
3	73·7	75·8	75·8	73·1	75·0	73·0	·789	·845	·817	·749	·800	·786	85	85	76	78	81	90	„	9	10	5	1	Pk. K. C.	Pk. K. Ck. C. *o.*	Pk. K.
4	73·1	75·7	75·1	73·8	74·7	72·7	·761	·811	·779	·775	·782	·761	81	75	71	80	77	86	„	5	5	3	0	K. C.	K. Ck. C.	K. Ck.⌓
5	73·5	74·7	75·1	73·5	74·4	72·8	·776	·771	·774	·759	·76[illegible]	·769	83	73	70	78	76	86	„	6	4	4	0	Pk. K. C.	K. Ck. C.	*b.*⌓
6	72·9	74·7	74·7	74·1	74·2	72·8	·737	·768	·769	·777	·763	·752	76	71	71	78	74	81	„	9	9	9	3	Pk. K. C.	Pk. K. C.	Pk. K. Ck.
7	74·5	76·5	75·1	74·1	75·0	72·6	·822	·842	·761	·778	·801	·770	89	77	66	78	78	88	„	7	2	2	6	K. C.	Pk. K. C.	Pk. K.
8	74·5	75·7	74·8	75·7	75·4	73·5	·816	·842	·777	·839	·819	·790	86	85	73	82	82	87	0·07	7	10	10	10	K.	Pk. K. *o.*	Pk. K. *o.*
9	76·1	77·4	77·2	76·6	76·9	74·0	·861	·886	·877	·893	·879	·794	87	83	82	90	86	84	0·34	10	10	10	10	Pk. K. *o.*	Pk. K. Ck. *o.*	Pk. *o. t. r.* <
10	75·5	78·5	78·6	76·5	77·6	74·7	·860	·946	·933	·891	·908	·834	92	90	85	92	90	91	0·30	10	10	9	5	Pk. K. *o. r.* <	Pk. K. C. *o.*	Pk. K. *o. t. r.* <
11	76·4	76·1	75·5	73·6	75·3	74·6	·898	·883	·867	·795	·861	·839	95	93	94	88	93	93	2·34	10	10	10	10	Pk. *o. t. r.* <	Pk. *r. o.*	Pk. *r. o.*
12	75·4	77·7	76·6	74·5	76·1	72·8	·841	·888	·842	·808	·845	·785	86	80	77	84	82	92	0·01	10	8	6	0	Pk. *r. o.*	Pk. K. Ck. C.	C.
13	74·4	76·9	75·6	74·5	75·6	73·6	·799	·858	·826	·798	·820	·787	82	79	80	81	81	85	0·03	10	5	10	0	Pk. K. *o.*	Pk. K. *r. o.*	Ck. C. *r.*
14	73·0	75·6	75·2	75·2	75·0	72·5	·759	·805	·794	·819	·794	·756	82	75	74	81	78	85	0·10	6	6	10	7	K. Ck. C. *r.*	Pk. K. *o.*	Pk. K. C. *r.*
15	74·6	75·0	75·6	74·8	75·1	73·0	·825	·850	·867	·846	·847	·786	89	93	93	94	92	90	2·20	10	10	10	10	Pk. K. *r. o.*	Pk. *r. o.*	Pk. K. *r. o.*
16	73·0	76·2	76·3	75·5	75·7	71·5	·799	·867	·831	·852	·837	·756	95	88	76	89	87	94	0·25	10	4	1	0	Pk. K. Ck. C. *r. o.*	Pk. K. Ck. C.	K.
17	73·8	77·7	76·9	75·9	76·5	72·8	·814	·908	·859	·863	·861	·782	93	86	79	90	87	90	0·64	8	7	3	1	Pk. K. Ck. C. *r. o.*	Pk. K. Ck. C.	K.
18	75·5	76·9	76·7	75·6	76·4	74·7	·870	·875	·839	·834	·855	·838	95	84	75	82	84	92	0·03	10	9	8	4	Pk. K. *r. o.*	Pk. K. Ck. C.	K. C.
19	75·3	76·8	77·2	75·1	76·4	74·7	·827	·856	·865	·815	·841	·820	83	79	78	81	80	86	*Nil*	10	10	10	5	Pk. K. Ck. *o.*	Pk. K. Ck. < C.	K.
20	74·7	76·2	75·1	74·6	75·1	74·0	·798	·827	·821	·796	·811	·787	79	76	83	80	80	82	0·02	10	10	10	10	Pk.K.Ck.C. *o.*	Pk. K. *r. o.*	Pk. K. *o.*
21	73·9	75·1	74·5	72·5	74·1	73·5	·774	·789	·775	·720	·765	·767	79	74	74	74	75	80	*Nil*	10	10	10	10	Pk. K. *o.*	Pk.K.Ck.C. *o.*	Pk. K. Ck. *o.*
22	72·4	74·2	74·5	74·4	74·1	72·0	·730	·750	·763	·805	·762	·722	77	70	71	84	76	78	„	4	4	10	1	K. Ck. C.	Pk.K.Ck.C. *o.*	K.
23	74·7	77·0	75·2	73·8	75·4	73·7	·831	·874	·775	·764	·811	·793	90	83	69	77	80	86	„	3	3	3	1	Pk. K. Ck. C.	K. Ck. C.	K.
24	73·5	75·5	74·5	73·5	74·2	73·0	·754	·805	·761	·763	·771	·759	78	76	71	79	76	82	0·03	8	10	9	3	K. Ck. C.	Pk. K. Ck. C. *r. o.*	Pk. K. Ck. C.
25	74·2	76·5	76·0	74·7	75·7	72·8	·819	·834	·805	·794	·813	·776	91	75	71	78	79	88	0·03	9	6	5	3	Pk. K. *r.*	K. Ck. C.	K. Ck. C.
26	73·8	76·1	76·1	75·1	75·6	73·3	·782	·817	·824	·812	·809	·771	82	74	76	80	78	83	0·04	2	6	6	3	K. Ck. C. *r.*	Pk. K. Ck. C. *r.*	Pk. K. Ck.
27	75·5	77·0	76·5	75·4	76·4	74·7	·844	·863	·836	·815	·840	·817	87	79	76	78	80	85	0·01	9	10	7	10	Pk. K. *r.*	Pk. K. Ck. C *o.*	Pk. K. Ck. C *o.*
28	74·3	78·0	76·6	75·6	76·4	74·0	·811	·907	·825	·835	·844	·815	86	83	72	83	81	91	0·01	10	2	3	9	Pk. K. *o.*	K. Ck. C. *r.*	Pk. K.
29	75·5	77·5	77·1	74·7	76·5	74·3	·859	·888	·850	·803	·850	·814	91	82	75	81	82	87	*Nil*	1	8	1	4	Pk. K. ⌓	K. Ck. C.	K. Ck. C.
30	74·1	76·7	77·4	76·1	76·4	73·3	·803	·852	·875	·865	·849	·794	86	79	79	88	83	90	„	4	4	0	6	Pk. K.	K. Ck. C.	K. Ck. C. *t.* <
Mean	74·3	76·4	75·8	74·7	75·5	73·4	·811	·850	·819	·810	·822	·786	86	81	76	83	82	87	Total 6·45	7·6	7·2	6·8	4·6	...	...	...

BOMBAY—OCTOBER 1890.

	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
Date.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·860	29·897	29·777	29·872	29·842	78·5	82·6	83·6	79·2	81·6	86·0	78·0	8·0	137·8	51·8	73·7	4·3	NNE	NW	NW	NNW	257
2	·852	·908	·785	·892	·847	78·5	82·9	83·7	79·5	81·8	86·3	78·0	8·3	136·6	50·3	72·9	5·1	NE	ENE	NW	NW	257
3	·864	·912	·777	·864	·844	79·2	83·1	83·0	80·1	81·9	85·7	78·5	7·2	145·6	59·9	73·4	5·1	NW	NW	NW	NW	280
4	·838	·886	·769	·853	·824	78·5	81·4	80·5	74·8	79·5	84·2	78·0	6·2	143·8	59·6	75·1	2·9	NNW	N	WNW	NNE	263
5	·823	·878	·784	·854	·827	75·4	77·6	75·7	75·7	76·0	79·0	74·7	4·3	99·6	20·6	70·9	3·8	SSE	S	WNW	NW	187
6	·858	·889	·794	·901	·849	76·0	80·6	81·9	78·9	79·9	84·4	74·8	9·6	135·8	51·4	72·7	2·1	SE	SE	W	ENE	176
7	·875	·913	·797	·900	·861	77·3	81·3	83·7	77·6	80·7	85·4	76·5	8·9	139·1	53·7	73·4	3·1	ENE	ENE	WNW	ESE	192
8	·826	·871	·753	·841	·812	76·9	81·5	84·6	81·5	81·9	86·3	75·8	10·5	136·3	50·0	73·9	1·9	ENE	NW	WNW	NNW	165
9	·812	·842	·721	·799	·783	77·3	83·4	86·0	80·3	82·7	87·7	76·8	10·9	138·9	51·2	70·5	6·3	ESE	ENE	NW	NE	237
10	·812	·849	·707	·779	·774	77·9	82·7	85·3	80·8	82·5	87·5	76·9	10·6	137·8	50·3	69·9	7·0	SE	E	NW	N	202
11	·769	·809	·693	·755	·743	78·0	84·3	85·7	80·6	82·9	87·4	77·5	9·9	140·0	52·6	70·0	7·5	NE	NNW	WNW	NNW	191
12	·784	·835	·717	·802	·774	77·1	82·9	85·4	81·1	82·3	87·5	76·8	10·7	140·6	53·1	68·8	8·0	ENE	ENE	WNW	NW	195
13	·808	·839	·721	·792	·779	78·3	83·2	85·4	81·4	82·8	87·4	77·9	9·5	138·4	51·0	68·9	9·0	SW	SE	WNW	NW	162
14	·776	·828	·721	·791	·771	78·3	83·9	84·4	80·4	82·4	87·3	76·8	10·5	138·4	51·1	69·0	7·8	N	SW	WNW	NW	127
15	·812	·867	·808	·887	·835	77·3	83·2	84·5	79·1	81·7	86·8	76·8	10·0	137·5	50·7	66·6	10·2	E	SSE	WNW	NW	155
16	·901	·959	·863	·936	·905	76·8	82·3	84·4	77·8	81·1	87·3	76·0	11·3	138·0	50·7	65·5	10·5	NNE	ENE	NNW	NNW	210
17	·957	·996	·874	·934	·930	76·5	83·1	83·8	79·0	81·3	87·8	74·9	12·9	136·9	49·1	64·7	10·2	NE	ENE	NNW	N	253
18	·923	·950	·839	·893	·891	76·5	82·2	82·4	76·9	80·3	85·2	75·7	9·5	139·4	54·2	64·3	11·4	N	NW	NW	NW	212
19	·911	·950	·878	·942	·911	75·4	81·0	81·6	76·0	79·2	84·3	74·3	10·0	137·4	53·1	63·4	10·9	NE	ENE	WNW	NW	178
20	·958	30·002	·921	·971	·954	73·6	80·1	82·1	77·8	79·4	85·0	73·0	12·0	138·5	53·5	63·2	9·8	NE	E	NW	NW	254
21	·986	·028	·907	·974	·961	74·4	79·8	82·3	78·1	79·5	85·6	73·0	12·6	136·5	50·9	63·6	9·4	NNE	ENE	NNW	NNW	324
22	·967	29·984	·878	·928	·927	74·9	80·4	83·4	78·2	80·1	84·9	74·0	10·9	136·3	51·4	63·5	10·5	N	ENE	NW	NNW	222
23	·929	·974	·845	·904	·902	74·7	80·9	83·3	77·4	80·0	86·3	74·1	12·2	136·7	50·4	62·9	11·2	NE	NNW	NW	NNE	244
24	·904	·950	·861	·926	·901	73·6	80·3	85·6	80·4	80·9	87·0	73·0	14·0	138·4	51·4	61·7	11·3	NE	ENE	NNW	N	214
25	·922	·966	·870	·937	·915	75·5	82·4	84·3	79·9	81·6	86·9	75·0	11·9	138·3	51·4	62·5	12·5	N	ENE	NW	N	209
26	·911	·954	·850	·911	·899	76·4	82·7	83·4	78·8	81·3	87·6	75·6	12·0	136·4	48·8	63·4	12·2	NNE	E	NW	N	177
27	·891	·931	·827	·908	·878	76·0	82·4	85·8	79·4	82·2	90·1	75·1	15·0	141·5	51·4	65·5	9·6	N	ENE	NW	N	181
28	·881	·928	·833	·906	·878	76·4	82·2	84·6	79·2	81·6	89·2	75·0	14·2	140·7	51·5	64·7	10·3	NNE	NE	NW	NNE	194
29	·893	·936	·820	·881	·871	74·9	82·4	84·2	77·3	80·7	87·1	74·0	13·1	139·8	52·7	60·5	13·5	NE	NE	NW	NNW	223
30	·847	·886	·770	·843	·826	75·8	82·5	83·4	77·4	81·7	92·0	75·0	17·0	142·8	50·8	60·2	14·8	NE	ENE	NNW	NNW	302
31	·839	·886	·774	·841	·825	73·8	81·6	83·0	77·7	80·2	87·9	71·8	16·1	140·4	52·5	57·7	14·1	NE	ENE	NW	N	233
Mean	29·871	29·913	29·804	29·878	29·856	76·4	82·0	83·6	78·8	81·0	86·6	75·6	11·0	137·6	51·0	67·0	8·6	...	...	...	...	215

N.B.—+·012 is to be applied to reduce the barometric readings to the Calcutta Standard.

BOMBAY—OCTOBER 1890.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	76·1	78·2	78·6	76·1	77·6	75·4	·869	·906	·912	·860	·887	·847	89	81	79	87	84	89	*Nil*	7	1	1	2	Pk. K.	K. Ck. C.	Ck. C.
2	76·8	77·9	78·7	76·0	77·8	75·0	·900	·890	·915	·852	·889	·829	92	79	79	85	84	86	"	8	2	1	4	K. Ck.	K. Ck. C.	K. Ck. C. <
3	76·5	78·0	77·4	76·4	77·3	75·6	·853	·892	·866	·861	·868	·847	88	79	77	84	82	87	"	10	3	2	10	Pk. K. *o.*	K. Ck. C.	Pk.K.Ck.C. *o*
4	76·6	74·5	74·5	73·0	74·7	75·7	·891	·763	·775	·789	·805	·859	91	71	74	91	82	90	0·54	10	10	10	10	Pk. K. *r. o.*	Pk.K.Ck.C. *o.*	Pk. K. *o. r.* <
5	72·4	74·5	72·4	73·6	73·3	71·3	·757	·814	·753	·802	·782	·722	86	86	85	91	87	84	0·01	10	10	10	10	Pk. K. *o.*	Pk. K. *r. o.*	Pk. K. *o.*
6	73·6	75·7	76·5	75·6	75·7	72·0	·798	·823	·842	·842	·826	·749	88	78	77	86	82	87	*Nil*	10	8	3	9	Pk. K. Ck. *o.*	Pk.K. Ck. *t.o.*	Pk. K. <
7	75·1	76·9	78·2	74·6	76·7	73·8	·843	·866	·892	·818	·855	·800	90	81	77	86	84	87	0·03	9	5	3	10	K. Ck. C.	K. Ck. C.	Pk.K.*t.r.o.* <
8	75·3	75·6	77·4	78·2	77·1	73·7	·857	·808	·845	·922	·858	·805	93	75	71	86	81	91	*Nil*	8	8	3	6	K. Ck. C. <	K. Ck.	K. Ck. C. <
9	74·6	78·6	79·5	73·9	77·2	73·8	·822	·915	·921	·751	·852	·795	88	80	74	72	79	86	"	0	1	1	0	K. C.	K. Ck.	K. Ck. <
10	75·5	77·6	78·5	77·0	77·7	73·0	·852	·880	·884	·878	·874	·760	89	79	73	84	81	82	"	0	0	1	0	K.	K. Ck.	*b.*
11	75·5	80·2	79·2	77·7	78·5	75·0	·851	·977	·910	·912	·913	·836	89	83	74	87	83	89	"	0	1	1	0	K. Ck.	K. Ck.	*b.*
12	74·9	78·2	80·1	79·2	78·4	74·6	·837	·904	·957	·974	·918	·828	88	80	78	91	84	90	"	2	1	1	7	Ck. C.	K. Ck. C.	K. Ck.
13	76·8	79·2	80·0	79·5	79·0	76·2	·903	·945	·952	·984	·946	·882	93	83	78	91	86	92	"	4	0	0	4	K. Ck. C.⌓	K.	K.
14	76·9	79·8	79·1	77·5	78·5	75·8	·907	·963	·924	·906	·925	·880	93	83	78	87	85	95	"	7	1	0	2	K. Ck. C.⌓	K. Ck. C.	K.
15	75·9	79·1	78·6	75·9	77·3	74·9	·877	·940	·899	·853	·892	·841	93	83	76	86	85	91	"	8	1	1	0	K. Ck. C.⌓	K. Ck. C.	*b.*⌓
16	75·3	77·8	79·2	73·4	76·9	73·9	·858	·893	·929	·765	·861	·810	93	81	79	80	83	91	"	8	3	0	0	K. Ck. C.⌓	K. Ck. C.	K. ⌓
17	69·9	75·1	78·9	75·2	75·6	69·6	·644	·765	·923	·824	·789	·654	71	67	79	83	75	76	"	3	1	1	0	K. Ck. C.⌓	K. Ck. C.	*b.*⌓
18	74·5	76·6	75·2	73·4	75·3	73·6	·829	·842	·778	·777	·807	·802	91	77	70	84	81	91	"	6	1	0	0	K. Ck. C.⌓	K. Ck.	*b.*
19	73·0	75·2	74·8	72·3	74·0	71·9	·781	·797	·772	·744	·774	·751	88	75	72	83	80	88	"	1	1	0	0	K. Ck. C.⌓	K. Ck.	*b.*
20	70·7	74·1	74·5	73·0	73·3	70·0	·714	·763	·753	·749	·745	·695	86	74	69	79	77	86	"	0	1	0	0	Ck. C.⌓	K. Ck. C.	*b.*
21	71·4	74·4	76·5	75·5	74·8	70·4	·730	·779	·836	·850	·799	·710	86	76	76	89	82	88	"	0	1	0	0	*b.*	Ck. C.	*b.*
22	72·6	74·5	77·9	76·4	75·6	71·8	·771	·775	·883	·887	·829	·752	89	74	77	92	83	89	"	0	0	0	0	*b.*⌓	Ck. C.	*b.*⌓
23	71·7	75·6	75·4	72·5	74·5	71·4	·738	·815	·775	·734	·766	·734	86	77	67	78	77	87	"	4	0	0	2	K. Ck. C.⌓	*b.*	K. Ck.
24	69·5	74·2	73·7	73·3	73·2	68·9	·668	·765	·672	·726	·708	·653	81	74	55	70	70	81	"	2	0	2	6	K. Ck. C.	K. Ck. C.	K. Ck. C.
25	68·3	73·2	76·5	71·8	73·0	68·0	·597	·695	·809	·673	·694	·592	67	62	69	66	66	68	"	0	0	0	7	*b.*⌓	Ck. C.	K. Ck. C.
26	69·0	75·5	77·0	73·4	74·4	68·3	·610	·787	·842	·751	·748	·595	67	70	73	76	72	67	"	0	0	0	8	*b.*⌓	K.	K.
27	71·8	75·7	77·5	71·3	74·4	71·6	·725	·799	·833	·660	·754	·729	81	72	67	66	72	84	"	2	6	0	8	K. Ck. C.	K. Ck. C.	K. Ck. C.
28	70·0	75·5	75·7	72·3	73·8	69·8	·648	·794	·769	·701	·728	·660	71	72	64	70	69	76	"	7	7	2	0	K. Ck.	K. Ck. C.	*b.*
29	69·5	69·7	74·3	72·3	72·0	68·2	·650	·557	·715	·727	·662	·614	75	50	60	77	66	73	"	0	0	1	0	K. Ck.	K. Ck. C.	Ck. C.
30	65·5	69·6	74·5	69·2	70·7	65·1	·492	·551	·736	·605	·596	·488	55	49	64	64	58	56	"	0	0	0	0	C.	*b.*	*b.*
31	66·0	69·5	74·7	67·7	70·1	65·5	·536	·560	·749	·545	·598	·546	64	52	66	58	60	70	"	2	2	0	0	K. Ck. C.	K. Ck. C.	*b.*
Mean	72·9	75·8	76·9	74·4	75·4	72·1	·768	·814	·839	·797	·805	·744	84	74	73	81	78	84	Total 0·58	4·1	2·4	1·4	3·4	...	...	...

BOMBAY—NOVEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·837	29·878	29·771	29·840	29·820	75·3	82·4	83·3	77·0	80·5	89·1	74·1	15·0	141·8	52·7	60·8	13·3	ENE	NE	WNW	NNE	265
2	·798	·840	·750	·801	·791	73·5	80·4	82·4	76·4	79·1	85·6	72·9	12·7	138·6	53·0	59·1	13·8	ENE	ENE	WNW	N	186
3	·791	·838	·751	·838	·796	74·8	80·4	82·6	78·8	79·9	85·5	74·0	11·5	137·3	51·8	61·5	12·5	NNE	ENE	WNW	N	177
4	·850	·884	·772	·896	·837	77·0	82·1	82·9	79·6	80·8	85·2	76·0	9·2	135·0	49·8	66·6	9·4	SE	S	W	SSE	130
5	·865	·891	·803	·889	·846	77·8	83·7	82·4	74·6	80·4	87·1	77·0	10·1	140·9	53·8	70·9	6·1	ESE	ENE	NW	SE	219
6	·795	·848	·763	·840	·804	77·4	80·0	81·2	77·9	79·9	84·0	74·1	9·9	135·9	51·9	70·2	3·9	ENE	N	WSW	NE	238
7	·799	·852	·780	·887	·820	75·8	80·3	82·0	78·4	80·0	84·6	75·0	9·6	133·1	48·5	70·6	4·4	E	ESE	WSW	WSW	116
8	·891	·957	·888	·958	·916	78·1	78·6	78·9	78·3	78·5	79·8	76·7	3·1	92·4	12·6	72·2	4·5	ESE	E	SSE	E	196
9	·970	30·023	·912	·986	·962	77·2	81·3	82·2	79·3	80·7	85·7	76·1	9·6	137·0	51·3	70·0	6·1	NE	E	WNW	NNW	174
10	·946	29·990	·862	·934	·921	76·0	82·4	83·6	80·3	81·1	86·1	75·7	10·4	133·8	47·7	69·4	6·3	NNE	N	WNW	N	190
11	·907	·952	·848	·919	·898	77·7	83·9	85·0	79·3	82·3	89·0	76·9	12·1	139·7	50·7	68·9	8·0	ENE	ENE	WNW	N	240
12	·912	·975	·864	·927	·909	76·3	81·7	84·5	77·4	81·2	87·7	74·8	12·9	138·7	51·0	64·3	10·5	NE	ENE	NW	N	201
13	·923	·983	·871	·947	·921	74·4	80·4	85·3	77·8	81·3	89·0	73·9	15·1	140·3	51·3	62·5	11·4	ESE	ENE	NW	N	240
14	·946	30·000	·904	·967	·945	74·1	80·0	83·3	76·9	79·8	86·2	73·7	12·5	134·8	48·6	62·6	11·1	ENE	E	NW	N	226
15	·942	29·989	·898	·944	·936	74·4	79·7	83·5	76·4	79·5	85·1	73·8	11·3	132·9	47·8	61·5	12·3	NNE	ENE	NW	N	165
16	·935	·997	·913	·962	·943	73·3	80·3	83·3	76·4	79·5	86·8	72·0	14·8	133·7	46·9	58·6	13·4	NE	NE	NW	NNW	212
17	·957	·999	·914	·974	·952	73·7	79·4	82·8	77·0	79·2	85·3	73·0	12·3	133·8	48·5	59·6	13·4	ENE	ENE	NW	N	196
18	·971	30·027	·946	·994	·977	73·4	79·5	83·8	76·7	79·4	86·0	73·0	13·0	134·9	48·9	60·7	12·3	NE	ENE	W	N	149
19	·985	·047	·966	30·020	·995	73·7	79·3	82·5	74·4	78·8	85·9	73·0	12·9	133·8	47·9	59·8	13·2	N	ENE	NW	NNW	218
20	30·013	·059	·929	·002	·989	73·5	78·1	82·2	74·2	78·1	84·6	71·0	13·6	133·9	49·3	55·0	16·0	NNE	ENE	NW	NNE	242
21	·003	·042	·939	·017	·988	70·4	76·4	80·5	74·3	76·6	83·4	69·0	14·4	132·8	49·4	53·9	15·1	ENE	E	WNW	NNE	170
22	29·994	·051	·959	·041	30·000	71·5	77·5	81·4	76·0	77·8	83·2	70·0	13·2	131·9	48·7	57·2	12·8	ENE	E	NW	NNE	190
23	30·021	·084	·948	·037	·010	73·0	78·5	83·4	76·7	79·1	86·4	72·0	14·4	135·5	49·1	59·0	13·0	NE	ENE	W	NNE	203
24	·002	·046	·925	·013	29·984	74·1	79·0	83·2	77·2	79·4	85·7	73·0	12·7	134·8	49·1	59·8	13·2	ENE	ESE	W	ENE	197
25	29·975	·019	·906	29·972	·958	72·6	79·3	82·4	76·9	79·0	86·0	71·0	15·0	133·8	47·8	58·6	12·4	NNE	ENE	W	NE	177
26	·931	29·969	·838	·931	·903	72·1	78·7	83·3	76·3	78·9	86·4	70·9	15·5	134·9	48·5	58·6	12·3	NE	ENE	W	N	173
27	·914	·970	·854	·955	·910	73·0	78·3	83·4	76·4	79·3	87·0	71·8	15·2	133·8	46·8	59·3	12·5	ENE	E	W	NNE	168
28	·930	30·000	·901	·979	·942	73·2	79·8	83·0	76·0	79·2	86·0	71·9	14·1	135·8	49·8	57·7	14·2	NE	E	W	NNE	187
29	·962	·004	·896	·965	·947	72·5	77·4	82·6	76·2	78·4	84·7	71·0	13·7	132·8	48·1	58·6	12·4	ENE	ENE	WNW	NNE	177
30	·950	29·988	·866	·919	·919	71·4	76·6	81·7	76·0	77·4	84·5	70·6	13·9	132·2	47·7	57·3	13·3	ENE	ENE	W	N	160
Mean	29·924	29·973	29·871	29·945	29·918	74·4	79·8	82·8	77·0	79·5	85·7	73·3	12·5	134·0	48·3	62·2	11·1	...	...	...	...	193

N. B.—+·012 is to be applied to reduce the barometric readings to the Calcutta Standard.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	69·6	67·4	73·6	69·4	70·6	67·0	·649	·471	·699	·618	·609	·568	74	42	61	67	61	68	*Nil*	0	2	2	0	K. C.	K. Ck. C.	Ck. C.
2	70·0	72·2	75·0	69·5	71·8	67·3	·688	·681	·769	·629	·692	·595	83	65	69	69	72	74	„	1	2	9	10	K. C.	K. Ck. C.	K. Ck. C. *o.*
3	71·3	72·7	74·7	74·7	73·5	68·9	·721	·702	·754	·806	·746	·640	84	68	67	82	75	76	„	2	8	9	2	K. Ck. C.	K. Ck. C.	K. Ck. C. <
4	74·0	75·7	77·1	77·5	76·2	71·9	·801	·803	·854	·917	·844	·728	86	73	76	91	82	82	0·02	3	9	8	8	K. Ck. C.	K. Ck. C.	Pk. K. Ck. < *t. r.*
5	75·2	76·3	76·9	72·7	76·0	73·9	·841	·808	·852	·779	·820	·797	89	69	77	90	81	86	1·18	8	7	10	10	K. Ck. C.	Pk. K. *t. o.*	Pk. K. *o. t. r.* < K
6	71·4	73·9	73·5	74·1	73·5	70·9	·690	·756	·723	·793	·741	·714	73	74	68	83	75	85	0·02	7	10	8	9	K. Ck. C.	Pk. K. Ck. C. *o.*	Pk. K. *r.* <
7	73·4	76·3	76·5	76·1	75·8	72·8	·792	·854	·840	·871	·839	·779	88	82	77	90	84	89	*Nil*	7	10	10	6	K. Ck. C.	Pk. K. Ck. *o.*	Pk. K. <
8	75·7	76·4	76·2	75·7	76·0	73·8	·857	·881	·868	·855	·865	·797	89	90	88	89	89	86	0·03	7	10	10	5	K. Ck. C. <	Pk. K. *r. o.*	Pk. K.
9	75·5	77·7	77·2	76·8	76·9	74·3	·862	·903	·868	·889	·881	·825	92	85	79	89	86	92	*Nil*	8	4	2	1	K. Ck.	K. Ck. C. *t.*	K. *t.* <
10	74·1	77·9	79·0	77·5	77·5	73·6	·818	896	·931	·907	·888	·802	91	81	81	88	85	91	„	5	2	4	0	K. Ck. C.	K. Ck. C. *t.*	*b.*
11	74·9	75·2	76·9	73·3	75·5	73·7	·829	·758	817	·740	·786	·790	87	65	68	74	74	85	„	0	0	1	0	K. C. < ⌓	K. Ck. C.	*b.*
12	70·5	71·4	74·2	71·5	72·3	69·8	·670	·632	·708	·693	·676	·663	74	58	59	74	66	77	„	8	1	0	0	K. Ck. C.	K. Ck. C.	*b.*
13	69·4	72·0	75·4	72·4	72·1	68·6	·653	·673	·748	·724	·700	·629	76	64	61	75	69	75	„	2	2	0	0	Ck. C.	K. Ck. C.	*b.*
14	70·5	73·7	75·5	71·7	73·1	69·7	·695	·748	·779	·708	·733	·674	81	73	68	76	75	81	„	3	0	0	0	K. Ck. C. ⌓	*b.*	*b.*
15	70·5	73·7	73·1	71·9	72·6	69·8	·695	·752	·676	·723	·712	·676	81	74	59	79	73	81	„	0	0	0	0	*b.* ⌓	K. Ck.	*b.*
16	66·5	71·6	73·4	70·4	70·9	66·0	·561	·659	·690	·664	·644	·560	69	63	60	73	66	71	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
17	69·1	71·4	73·3	70·3	71·2	67·9	·651	·663	·693	·653	·665	·616	79	66	61	70	69	76	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
18	68·9	72·9	73·2	71·8	72·2	68·6	·648	·722	·676	·715	·690	·641	79	72	59	77	72	79	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
19	68·8	72·5	73·8	68·8	71·3	68·5	·639	·709	·719	·630	·674	·638	76	71	64	74	71	79	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
20	65·8	70·9	64·8	64·6	66·6	61·7	·533	·660	·382	·483	·515	·427	64	69	35	57	56	56	„	0	0	0	0	*b.*	*b.*	*b.*
21	64·5	67·3	69·3	67·5	67·8	62·6	·529	·548	·568	·584	·557	·483	71	60	54	69	64	68	„	0	0	2	0	*b.*	Ck. C.	*b.*
22	67·5	70·7	70·6	70·1	70·0	64·5	·622	·661	·605	·658	·637	·535	81	70	57	73	70	73	„	2	2	0	0	K. Ck. C.	Ck. C.	*b.*
23	70·1	71·0	71·5	68·4	70·1	67·9	·699	·659	·613	·585	·639	·630	86	68	54	63	68	81	„	0	0	0	0	*b.*	Ck. C.	*b.*
24	69·5	71·1	71·1	69·2	70·0	67·9	·661	·657	·601	·608	·632	·616	79	66	53	65	66	76	„	0	0	2	0	*b.*	Ck. C.	*b.*
25	66·3	70·0	72·1	73·1	70·5	66·0	·563	·610	·651	·765	·647	·574	70	60	59	83	68	76	„	0	0	0	0	*b.*	*b.*	*b.*
26	68·2	70·6	71·4	71·2	70·3	67·0	·639	·642	·610	·697	·647	·611	81	66	53	77	69	80	„	0	0	0	0	*b.*	*b.*	*b.*
27	69·4	70·5	71·4	72·8	70·9	68·1	·672	·634	·609	·760	·671	·639	83	67	53	84	72	82	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
28	69·3	70·9	72·5	71·4	71·1	68·1	·665	·637	659	·709	·668	·637	81	62	59	79	70	82	„	0	0	0	0	*b.* ⌓	*b.*	*b.*
29	68·5	71·0	70·4	71·2	70·6	67·1	·645	·674	·581	·698	·650	·613	81	71	52	77	70	80	„	0	0	3	0	C.	Ck. C.	*b.*
30	67·4	70·0	70·4	71·2	69·8	66·7	·619	·646	·593	701	·640	·603	80	71	55	78	71	80	„	3	6	2	10	K. C.	K. C.	K. C. *o.*
Mean	70·2	72·5	73·5	71·9	72·2	68·8	·687	·704	·705	·719	·704	·650	80	69	63	77	72	79	Total 1·25	2·2	2·5	2·7	2·0	...	...	...

BOMBAY—DECEMBER 1890.

Date.	Barometer reduced to 32°.					Temperature of Air.								Temperature of Radiation.				Wind.				
																		Direction.				Velocity.
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal on grass.	Difference, Shade and Radiation.	6 hours.	10 hours.	16 hours.	22 hours.	Total miles.
1	29·899	29·940	29·807	29·869	29·866	72·4	77·4	81·0	76·3	77·8	83·7	71·9	11·8	131·5	47·8	59·6	12·3	ENE	ENE	WNW	N	205
2	·850	·927	·816	·899	·865	71·8	76·7	81·5	75·4	77·4	82·8	70·3	12·5	132·8	50·0	58·6	11·7	ENE	ENE	WNW	N	160
3	·905	·970	·860	·949	·909	71·7	78·1	80·6	75·4	77·5	83·7	71·0	12·7	133·4	49·7	59·4	11·6	E	ESE	WNW	NNE	225
4	·903	·965	·852	·910	·897	71·4	77·3	80·4	77·5	77·5	83·3	70·1	13·2	131·9	48·6	59·6	10·5	ENE	ENE	NW	N	268
5	·895	·962	·856	·915	·898	75·4	77·3	80·3	75·9	78·0	83·0	71·9	11·1	132·8	49·8	69·4	2·5	NE	ESE	WNW	NW	127
6	·884	·955	·849	·937	·898	74·4	78·4	80·1	76·5	78·1	82·2	73·0	9·2	132·9	50·7	65·5	7·5	E	ESE	W	WNW	161
7	·926	·981	·860	·942	·916	73·6	78·0	80·1	77·0	78·0	82·9	73·4	9·5	131·8	48·9	63·3	10·1	ENE	ENE	WNW	NW	181
8	·939	·982	·893	·980	·938	74·4	79·0	80·0	77·4	78·7	84·0	74·0	10·0	130·4	46·4	65·5	8·5	NNE	ENE	NW	N	234
9	·949	·979	·866	·985	·930	74·8	80·1	82·2	77·7	79·6	86·0	74·0	12·0	134·8	48·8	66·7	7·3	N	ENE	NW	N	234
10	·938	·980	·868	·942	·920	73·6	80·3	81·5	76·4	79·0	85·4	72·0	13·4	131·4	46·0	62·1	9·9	NNE	NE	NNW	N	277
11	·886	·935	·821	·925	·878	72·0	79·1	80·8	74·8	77·8	84·9	70·8	14·1	132·3	47·4	59·7	11·1	N	ENE	NNW	N	298
12	·905	·968	·871	·945	·912	71·4	77·1	80·5	74·5	77·0	84·6	69·7	14·9	130·2	45·6	58·1	11·6	NE	N	NW	NNW	265
13	·919	·972	·856	·911	·904	67·7	77·0	79·3	72·0	75·4	83·5	65·7	17·8	131·9	48·4	50·6	15·1	NNE	N	NNW	N	289
14	·918	·994	·872	·953	·922	66·7	76·0	79·3	72·4	75·0	83·4	65·2	18·2	132·2	48·8	49·1	16·1	NNE	NNE	NW	N	247
15	·947	30·011	·899	·962	·944	68·4	73·5	79·3	72·1	74·7	82·4	66·8	15·6	131·1	48·7	52·1	14·7	NE	ENE	NW	NNE	211
16	·966	·032	·910	·962	·958	69·9	74·0	79·5	73·2	75·3	82·4	67·9	14·5	129·8	47·4	52·8	15·1	ENE	ENE	NW	N	237
17	·964	·028	·904	·988	·963	71·0	74·7	79·0	72·5	75·5	82·2	69·0	13·2	129·9	47·7	58·6	10·4	NE	ENE	NNW	N	296
18	·963	·031	·919	·995	·966	67·9	75·0	78·1	72·8	74·7	82·1	66·2	15·9	129·2	47·1	53·6	12·6	NNE	N	NNW	N	300
19	·964	·029	·900	30·001	·963	69·4	74·8	79·5	74·0	75·4	81·7	67·9	13·8	130·3	48·6	54·3	13·6	NE	ENE	NW	NNE	215
20	·973	·031	·929	·020	·977	71·3	76·4	80·8	75·3	76·9	82·2	70·4	11·8	131·3	49·1	59·1	11·3	NE	ENE	NW	NNE	177
21	·993	·049	·928	·002	·983	72·3	76·8	80·4	74·6	77·7	85·8	71·2	14·6	133·2	47·4	58·9	12·3	NE	ENE	NW	N	250
22	·980	·037	·903	29·981	·964	71·6	77·3	80·6	75·0	77·4	85·4	70·0	15·4	134·8	49·4	56·7	13·3	NNE	ENE	NW	N	254
23	·941	·013	·921	30·019	·965	71·4	76·4	81·6	76·0	77·4	83·3	70·0	13·3	132·6	49·3	56·7	13·3	ENE	ENE	WNW	N	186
24	·990	·079	·984	·077	30·023	72·6	77·8	82·7	76·5	78·4	85·3	72·4	12·9	134·4	49·1	60·6	11·8	ENE	ENE	WNW	N	182
25	30·019	·087	·975	·040	·020	74·4	77·6	79·6	75·7	77·7	82·9	73·6	9·3	129·6	46·7	62·4	11·2	ENE	NE	NW	NNE	234
26	·005	·054	·906	29·966	29·971	72·4	77·4	79·9	74·4	76·9	82·9	71·0	11·9	131·3	48·4	59·6	11·4	N	NE	NNW	N	283
27	29·966	·026	·928	30·013	·973	70·8	77·2	80·9	74·9	76·9	82·8	70·1	12·7	132·8	50·0	58·6	11·5	N	ENE	WNW	N	205
28	·990	·051	·939	·028	·991	72·4	76·4	83·4	75·9	78·8	86·4	71·2	15·2	137·8	51·4	59·5	11·7	ENE	ENE	WNW	N	198
29	·985	·072	·970	·064	30·012	73·4	76·3	81·9	74·8	77·8	84·7	72·6	12·1	127·0	42·3	60·0	12·6	NE	ENE	WNW	N	153
30	30·020	·090	·948	·012	·007	73·0	76·4	80·2	74·8	76·9	81·4	72·5	8·9	128·3	46·9	56·9	15·6	ENE	NE	NW	N	246
31	29·985	·055	·936	29·990	29·982	72·4	76·3	80·3	73·1	76·5	82·9	71·0	11·9	131·8	48·9	55·4	15·6	ENE	NE	NW	N	203
Mean	29·948	30·009	29·895	29·974	29·946	71·8	77·0	80·5	75·0	77·2	83·6	70·5	13·0	131·8	48·2	58·8	11·7	...	...	...	...	226

N. B.—+·012 is to be applied to reduce the barometric readings to the Calcutta Standard.

Date.	Temperature of Evaporation.						Computed Vapour Tension.						Relative Humidity.						Rainfall, Inches.	Cloud.				Cloud and Weather Initials.		
	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	Minimum.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	From Min.		6 hours.	10 hours.	16 hours.	22 hours.	Before 10 A.M.	10 A.M. to 4 P.M.	After 4 P.M.
1	67·9	71·6	71·6	70·8	71·1	67·5	·624	·698	·649	·681	·663	·616	78	75	61	75	72	79	*Nil*	2	4	4	2	Ck. C.	K. Ck. C.	Ck. C.
2	67·5	70·4	68·7	68·1	69·1	66·5	·618	·660	·530	·590	·600	·601	79	72	50	67	67	81	"	1	9	7	0	Ck. C.	K. Ck. C.	Ck.
3	67·5	67·5	72·5	71·0	70·3	67·4	·619	·533	·691	·704	·637	·624	80	56	67	79	71	83	"	2	6	3	0	K. Ck. C.	K. Ck. C.	*b.*
4	68·3	70·7	72·5	71·8	70·8	67·1	·652	·664	·694	·704	·679	·625	85	71	67	75	75	85	"	4	8	5	6	K. Ck. C.	K. Ck. C.	K. Ck. C.
5	72·0	72·9	73·8	72·6	73·2	68·0	·717	·744	·748	·758	·742	·636	85	80	72	85	81	81	0·13	10	9	9	0	Pk. K. *r. o.*	Pk. K. *r.*	*b.*
6	72·4	74·5	73·2	70·4	73·0	70·6	·770	·802	·725	·663	·740	·717	90	82	70	73	79	88	*Nil*	8	1	0	0	Pk. K. Ck. C.	K. Ck.	*b.*
7	71·3	73·1	71·8	72·1	72·4	70·0	·737	·750	·670	·723	·720	·692	89	78	70	77	79	83	"	3	0	0	0	K. Ck. C.	K. Ck.	K. ⚡
8	70·5	73·8	74·8	73·3	73·3	69·9	·695	·765	·748	·766	·744	·678	82	77	74	82	79	81	"	6	0	0	0	K. Ck. C.	K. Ck. C.	K. Ck. ⚡
9	71·8	74·1	75·5	72·3	74·0	71·0	·741	·763	·740	·721	·736	·720	86	74	72	75	77	86	"	7	0	0	0	K. Ck. C. ⚡	K. Ck. C.	K. ⚡
10	65·5	71·7	71·0	66·0	69·2	65·2	·522	·663	·619	·503	·577	·532	63	63	58	55	60	68	"	3	4	3	0	K. Ck. ⚡	K. Ck. C.	K. ⚡
11	64·1	69·2	69·2	68·3	68·4	63·9	·490	·582	·560	·606	·560	·504	62	58	53	70	61	66	"	3	0	0	0	K. Ck. C.	K. Ck. C.	*b.*
12	65·5	67·1	69·4	62·9	66·6	64·0	·551	·531	·571	·421	·519	·523	71	57	55	50	58	72	"	3	1	0	0	K. Ck. C.	K. Ck. C.	*b.*
13	58·8	62·4	68·4	65·0	64·2	58·5	·379	·371	·550	·525	·456	·396	56	40	54	67	54	63	"	0	0	0	0	*b.*	K.	*b.*
14	58·2	62·3	67·4	65·0	64·1	58·0	·374	·380	·512	·521	·447	·390	58	42	51	65	54	62	"	0	0	0	0	*b.*	*b.*	*b.*
15	63·5	65·7	67·1	62·4	65·8	60·6	·521	·529	·502	·436	·497	·448	75	64	50	55	61	68	"	0	0	7	0	*b.*	K. Ck. C.	*b.*
16	65·4	66·3	69·7	70·3	68·5	62·4	·567	·544	·596	·704	·603	·492	77	64	59	86	72	72	"	0	0	0	0	*b.*	Ck. C.	*b.*
17	67·6	68·9	73·4	64·5	69·4	63·9	·631	·630	·749	·502	·628	·528	83	73	76	63	74	75	"	3	2	0	0	K. Ck. C.	Ck. C.	*b.*
18	59·2	64·5	67·5	65·7	65·0	58·9	·389	·468	·533	·539	·482	·402	57	54	56	67	59	63	"	4	2	8	1	Ck. C.	K. Ck. C.	K. Ck. C.
19	63·4	67·3	70·6	68·4	67·8	60·8	·505	·570	·630	·621	·582	·440	70	66	62	74	68	65	"	0	0	0	3	*b.*	Ck. C.	K. Ck. C.
20	68·2	69·9	72·1	68·7	70·0	65·0	650	·645	672	·615	·646	·548	85	71	63	71	73	73	"	4	0	0	0	K. Ck. C.	K. Ck. C.	*b.*
21	66·8	68·5	72·0	68·8	69·3	65·1	·585	·587	·676	639	·622	·540	74	64	64	73	69	71	"	0	0	0	0	*b.*	*b.*	*b.*
22	63·4	68·4	74·1	67·5	69·4	63·4	·476	·577	·756	·575	·596	·497	61	61	72	66	65	68	"	2	2	5	3	K. C.	K. Ck. C.	K. Ck. C.
23	66·5	69·3	73·7	71·3	70·6	65·3	·609	·623	·726	·680	·660	·562	76	69	67	76	72	76	"	7	0	4	6	K. C.	K. Ck. C.	K. Ck. C.
24	67·0	71·4	73·6	72·2	71·4	67·0	·590	·685	·708	·733	·679	·592	74	71	63	80	72	74	"	3	1	6	1	K. Ck. C.	K. Ck. C.	Ck. C.
25	69·8	72·0	74·1	68·1	71·4	69·6	·668	·714	·770	·587	·685	·671	79	75	76	66	74	81	"	7	7	5	1	K. Ck. C.	K. Ck. C.	K. Ck. C.
26	65·9	69·4	73·6	69·7	70·2	65·8	·552	·613	·745	·664	·644	·567	69	65	73	78	71	75	"	0	0	0	0	K.	*b.*	*b.*
27	64·7	70·5	74·0	70·0	70·5	64·7	·531	·658	·751	·672	·652	·540	71	71	71	77	73	73	"	0	0	0	0	*b.*	*b.*	*b.*
28	67·4	70·6	76·1	68·4	70·8	65·6	·605	·672	·803	·595	·669	·557	76	74	70	66	72	73	"	2	8	5	2	K. Ck. C.	K. Ck. C.	K. Ck. C.
29	68·9	71·1	75·6	67·5	70·2	67·9	·648	·693	·802	·577	·680	·621	79	76	74	67	74	77	"	8	10	9	1	K. Ck. C.	K. Ck. C. *o.*	K. C.
30	69·0	71·0	73·9	68·2	70·8	66·6	·656	·690	·753	·603	·676	·574	81	75	73	70	75	72	"	9	10	9	2	K. Ck. C.	K. Ck. C. *o.*	K. C.
31	66·2	69·2	71·8	66·9	69·0	66·0	·563	·620	·667	·579	·607	·574	70	69	64	71	69	76	"	10	9	9	2	K. Ck. C. *o.*	K. Ck. C.	K. Ck. C.
Mean	66·6	69·5	72·0	68·7	69·7	65·4	·588	·627	·672	·620	·627	·562	75	67	65	71	70	75	Total 0·13	3·6	3·0	3·2	1·0	...	...	...

MADRAS—

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·978	29·880	29·922	29·919	72·5	82·5	68·1	72·4	83·3	63·4	19·9	137·6	54·3	56·8	6·6	N by E	NE	39	65	104
2	·983	·934	·997	·967	70·8	82·8	68·7	72·1	82·9	61·8	21·1	137·8	54·9	58·3	3·5	NNE	NE	30	46	76
3	30·006	·952	·977	·973	71·2	81·2	69·1	71·7	83·3	62·6	20·7	137·8	54·5	59·2	3·4	NNE	NNE	33	52	85
4	29·999	·912	·959	·950	71·2	81·0	71·8	72·8	82·9	63·8	19·1	139·4	56·5	60·8	3·0	N by E	NE by E	30	68	98
5	·984	·908	·962	·945	72·6	81·0	72·6	73·6	83·9	65·6	18·3	147·4	63·5	63·0	2·6	NE	NE by E	33	59	92
6	30·009	·941	·992	·976	76·6	83·5	76·8	77·1	84·6	65·9	18·7	138·5	53·9	63·2	2·7	NE by E	NNE	52	118	170
7	·029	·967	30·010	·998	72·6	75·0	72·2	72·9	75·5	71·8	3·7	89·8	14·3	71·6	0·2	Calm	NNE	66	78	144
8	·007	·931	29·978	·967	74·3	81·8	71·0	74·5	82·7	70·8	11·9	142·1	59·4	71·0	—0·2	NE by N	NNE	86	109	195
9	·026	·962	·992	·988	72·2	81·4	70·7	72·9	82·1	63·0	19·1	136·2	54·1	60·2	2·8	NNE	NE by N	60	88	148
10	·003	·926	·958	·956	70·1	82·2	71·8	72·8	83·7	65·0	18·7	141·7	58·0	62·2	2·8	NNE	NNE	49	75	124
11	29·973	·906	·942	·935	71·6	80·0	73·6	73·2	82·9	64·3	18·6	139·7	56·8	61·0	3·3	NNE	NE by N	58	95	153
12	·964	·912	·953	·939	71·8	82·0	75·0	74·7	82·8	66·4	16·4	139·8	57·0	63·6	2·8	NNE	NE	66	111	177
13	30·002	·931	·961	·960	77·4	81·0	74·6	76·1	83·3	66·9	16·4	139·8	56·5	64·0	2·9	NE	NE	79	121	200
14	29·970	·919	·962	·946	77·4	82·8	74·6	77·2	83·7	72·8	10·9	140·8	57·1	70·2	2·6	NE	NE by N	128	124	252
15	·979	·921	·969	·952	77·0	82·2	75·2	76·3	84·3	66·6	17·7	138·2	53·9	62·6	4·0	NE by N	NE	87	109	196
16	30·005	·944	·988	·974	73·0	82·2	71·8	73·8	85·2	65·9	19·3	140·6	55·4	62·4	3·5	NE	NNE	46	85	131
17	·008	·958	·990	·981	73·2	80·0	73·0	73·5	84·7	65·9	18·8	139·9	55·2	62·2	3·7	NE by N	NE	46	75	121
18	·029	·964	·997	·992	72·4	81·8	73·2	73·9	84·5	65·1	19·4	140·6	56·1	62·0	3·1	NE by N	NE	46	95	141
19	29·980	·934	·950	·952	71·8	83·4	70·1	73·3	84·2	66·1	18·1	140·0	55·8	63·0	3·1	NNE	NE	45	65	110
20	·940	·874	·908	·902	69·1	82·6	69·9	71·8	84·2	62·9	21·3	137·5	53·3	58·4	4·5	NE by N	ENE	42	58	100
21	·938	·889	·932	·916	71·4	85·8	70·1	73·5	87·4	64·1	23·3	140·6	53·2	60·8	3·3	NE	E	31	40	71
22	·972	·892	·928	·925	72·4	82·8	70·9	73·6	84·6	64·1	20·5	139·6	55·0	61·0	3·1	E	ENE	31	49	80
23	·950	·876	·917	·908	70·7	82·0	70·1	72·5	85·9	66·3	19·6	143·8	57·9	63·0	3·3	E	SE by S	32	51	83
24	·924	·813	·898	·869	68·9	83·1	75·8	73·7	88·9	64·1	24·8	143·5	54·6	61·0	3·1	SSE	SE	48	75	123
25	·884	·791	·850	·835	73·0	83·0	75·0	75·3	87·4	68·0	19·4	141·6	54·2	66·0	2·0	SSE	SE by E	51	67	118
26	·917	·867	·893	·888	74·6	81·8	73·8	75·2	85·6	69·0	16·6	145·8	60·2	66·4	2·6	E by N	NE by N	36	70	106
27	·929	·861	·904	·893	75·4	83·1	76·6	76·9	85·3	68·3	17·0	146·4	61·1	66·2	2·1	NE by N	NE	42	118	160
28	·938	·916	·959	·936	73·2	83·8	75·8	75·8	85·6	65·9	19·7	140·3	54·7	63·0	2·9	NE	NE	44	118	162
29	·998	·945	·995	·975	73·6	83·0	74·8	75·5	85·1	67·1	18·0	142·8	57·7	64·2	2·9	NE by N	NNE	93	130	223
30	30·025	·976	30·019	30·003	73·4	83·6	75·0	75·7	85·1	67·7	17·4	139·0	53·9	66·2	1·5	NNE	NNE	89	138	227
31	·047	·991	·039	·002	73·8	83·0	75·2	75·8	85·2	68·1	17·1	140·4	55·2	66·0	2·1	NE by N	NE by N	81	106	187
Mean .	29·981	29·916	29·958	29·947	72·9	82·1	72·8	74·2	84·2	66·1	18·1	139·0	54·8	63·2	2·9	...	...	55	86	141

JANUARY 1890.

Date.	Temperature of Evaporation.					Computed Vapour Tension.					Relative Humidity.					Rain-fall, Inches.	Cloud.		Cloud and Weather Initials.	
	8 hours	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	69·5	70·0	65·6	67·9	Not recorded.	·683	·567	·598	·624		86	51	87	78		*Nil*	1	0·5	*b.*	*b.*
2	67·8	70·0	66·9	67·7		·641	·697	·637	·620		85	87	91	79		...	2	1·5	*b.*	*b.*
3	68·0	70·7	66·9	68·1		·647	·612	·601	·641		85	58	89	83		...	0	0·5	*b.*	*b.*
4	68·5	71·6	67·3	68·6		·662	·649	·710	·644		87	61	78	80		...	0	0·5	*b.*	*b.*
5	68·9	69·1	68·1	68·2		·658	·552	·628	·619		82	52	78	74		...	0	5·5	*b.*	*Cloudy.*
6	69·1	72·8	69·9	70·1		·612	·666	·639	·640		66	58	69	69		...	1	5	*b.*	*Cloudy.*
7	69·9	71·6	70·9	70·3		·697	·730	·741	·708		88	84	94	88		0·14	10	10	*o.*	*o.*
8	72·0	74·8	68·1	71·1		·755	·769	·649	·717		89	71	85	84		0·21	10	4	*o.*	*c.*
9	69·1	71·0	67·5	68·7		·672	·620	·632	·647		85	58	84	80		*Nil*	1	1	*b.*	*b.*
10	67·1	70·7	68·9	69·4		·624	·598	·669	·674		85	55	85	83		...	4	1·5	*b.*	*b.*
11	66·7	70·9	69·1	68·4		·591	·636	·652	·632		76	62	79	77		...	0	2·5	*b.*	*b.*
12	68·2	72·3	69·9	69·6		·665	·664	·665	·657		83	61	77	77		...	2	3	*b.*	*c.*
13	70·1	74·7	67·9	69·4		·640	·653	·594	·630		68	61	69	70		...	4	4	*c.*	*c.*
14	68·7	72·7	68·1	69·3		·586	·669	·598	·616		61	59	70	65		...	3	2·5	*c.*	*b.*
15	68·1	73·1	67·9	69·2		·569	·694	·565	·620		61	63	67	69		...	6	2·5	*c.*	*b.*
16	69·8	71·9	68·7	69·6		·697	·645	·662	·668		85	59	85	80		...	6	3	*c.*	*b.*
17	69·6	72·1	69·3	69·8		·677	·683	·668	·679		83	66	82	82		...	7	2·5	*Cloudy.*	*b.*
18	68·9	72·9	69·9	70·1		·661	·690	·678	·687		83	63	84	82		...	5	3·5	*c.*	*b.*
19	69·9	73·9	68·1	70·1		·707	·710	·668	·695		90	62	90	85		...	1	2·5	*b.*	*b.*
20	66·9	73·9	67·9	69·1		·631	·703	·658	·677		89	64	90	87		...	1	1	*b.*	*b.*
21	68·9	73·9	68·1	69·7		·675	·677	·662	·677		88	55	90	82		...	1	0·5	*b.*	*b.*
22	68·9	74·8	69·7	70·5		·661	·756	·711	·707		83	67	94	86		...	3	3·5	*b.*	*c.*
23	69·1	72·0	68·9	69·4		·692	·652	·691	·679		92	60	94	85		...	7	4	*Cloudy.*	*c.*
24	67·9	74·8	72·1	71·0		·671	·752	·739	·724		95	66	83	87		...	1	3	*b.*	*c.*
25	71·0	75·8	72·0	72·3		·732	·795	·710	·754		90	70	81	86		...	4	3·5	*c.*	*c.*
26	72·1	73·9	72·1	72·1		·753	·729	·766	·748		88	67	92	86		...	6	4	*c.*	*b.*
27	72·9	73·2	69·1	71·1		·777	·684	·608	·685		88	60	67	74		...	4	2	*c.*	*b.*
28	68·8	71·4	69·9	69·4		·645	·603	·654	·634		79	52	73	71		...	4	2·5	*c.*	*b.*
29	69·1	71·9	68·9	69·4		·652	·635	·628	·639		79	57	72	72		...	2	2·5	*b.*	*b.*
30	69·1	71·9	69·1	69·4		·655	·626	·634	·636		80	55	72	71		...	2	2·5	*b.*	*b.*
31	70·2	72·0	69·5	70·0		·692	·638	·639	·657		83	57	72	74		...	1	1	*b.*	*b.*
Mean	69·2	72·4	68·9	69·6		·667	·669	·658	·666		83	62	81	79		Total 0·35	3·2	2·8	...	...

MADRAS—FEBRUARY 1890.

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	30·071	30·034	30·086	30·060	72·8	84·5	72·8	74·8	86·1	65·1	21·0	138·8	52·7	62·1	3·0	NE by N	NE by N	53	82	135
2	·120	·070	·091	·090	72·4	83·8	71·8	74·1	85·0	63·7	21·3	137·7	52·7	60·1	3·6	NE by N	NE	50	79	129
3	·120	·049	·059	·070	71·6	83·2	71·0	73·3	85·2	62·9	22·3	140·0	54·8	59·9	3·0	NE by N	NNE	45	86	131
4	·064	29·991	·013	·017	71·6	83·0	72·4	73·3	85·2	61·7	23·5	140·4	55·2	58·1	3·6	NE by N	NE by E	36	55	91
5	·040	·993	·008	·010	72·8	85·6	72·8	75·1	85·4	65·1	20·3	141·0	55·6	62·3	2·8	NE	ENE	37	66	103
6	·070	30·018	·051	·042	73·4	83·6	74·6	75·3	86·7	67·5	19·2	142·3	55·6	64·3	3·2	NE by E	E by N	35	47	82
7	·058	29·976	·009	·009	74·2	84·0	71·8	74·7	86·2	66·5	19·7	140·5	54·3	62·9	3·6	ENE	E by N	29	39	68
8	·060	·994	·036	·026	72·8	84·8	71·8	74·3	86·8	64·5	22·3	139·8	53·0	61·3	3·2	E by N	E by N	24	42	66
9	·066	30·021	·041	·040	72·8	84·8	73·0	74·6	87·2	64·7	22·5	142·7	55·5	61·7	3·0	ENE	NE	30	66	96
10	·069	·011	·038	·035	73·8	85·0	74·8	75·8	87·1	66·3	20·8	145·2	58·1	63·1	3·2	NE by N	NE by N	39	69	108
11	·046	29·984	·005	·008	74·8	83·0	77·0	76·4	86·4	67·9	18·5	144·5	58·1	64·9	3·0	NNE	NE by N	48	116	164
12	·028	·979	·000	29·998	79·0	86·0	77·2	78·9	87·3	69·1	18·2	140·5	53·2	66·9	2·2	NE	NE	63	85	148
13	·015	·936	29·960	·965	77·2	84·8	74·8	76·9	87·0	67·1	19·9	141·5	54·5	64·1	3·0	NE by N	NE by N	83	84	167
14	29·973	·878	30·010	·948	73·0	86·0	74·8	75·6	86·8	63·7	23·1	142·5	55·7	60·9	2·8	NNE	NE by E	35	90	125
15	·913	·826	29·827	·849	72·6	84·8	72·8	74·3	88·1	64·0	24·1	143·7	55·6	61·1	2·9	NE by N	E by N	23	64	87
16	·855	·797	·818	·819	72·4	86·6	70·8	74·1	89·0	64·0	25·0	142·1	53·1	60·9	3·1	ENE	ESE	30	45	75
17	·869	·805	·839	·831	71·8	84·8	76·0	75·1	86·7	62·8	23·9	142·5	55·8	58·9	3·9	SE	SE	40	63	103
18	·922	·866	·904	·893	75·6	85·0	76·8	77·1	88·1	67·9	20·2	141·7	53·6	64·9	3·0	SSE	SE	45	64	109
19	·953	·884	·919	·915	74·8	84·6	75·2	76·1	86·1	65·4	20·7	139·7	53·6	62·7	2·7	SE by S	ESE	39	53	92
20	·967	·915	·938	·937	75·6	85·0	76·8	77·0	88·0	67·3	20·7	141·6	53·6	64·4	2·9	E by S	E	26	58	84
21	·986	·901	·940	·937	74·6	88·9	74·6	76·8	92·6	67·0	25·6	146·7	54·1	63·9	3·1	E by N	NE by E	21	72	93
22	·956	·925	·944	·940	75·0	88·5	77·6	77·8	91·0	65·0	26·0	145·3	54·3	62·1	2·9	NE by E	ENE	18	65	83
23	·985	·919	·949	·947	77·4	87·0	77·8	78·7	88·8	68·9	19·9	144·7	55·9	66·5	2·4	ENE	E by N	28	53	81
24	·981	·908	·964	·946	78·5	85·7	77·8	78·7	89·0	69·2	19·8	145·3	56·3	66·5	2·7	E	E by N	27	78	105
25	·980	·902	·938	·935	75·6	85·4	77·8	77·6	87·1	67·2	19·9	141·7	54·6	63·9	3·3	E	E by S	25	73	98
26	·968	·895	·928	·925	76·6	87·0	75·8	77·8	88·2	68·4	19·8	143·6	55·4	65·9	2·5	E by S	E by S	25	68	93
27	·988	·912	·964	·950	75·4	84·6	76·8	76·9	86·2	66·2	20·0	141·5	55·3	62·9	3·3	ESE	E by S	28	65	93
28	·997	·888	·950	·936	78·2	85·6	77·8	78·6	88·4	69·3	19·1	144·1	55·7	67·1	2·2	SE by E	ESE	33	88	121
Mean	30·004	29·938	29·972	29·968	74·5	85·2	74·8	76·1	87·3	66·0	21·3	142·2	54·9	63·0	3·0	...	...	36	69	105

MADRAS—FEBRUARY 1890.

DATE.	TEMPERATURE OF EVAPORATION.					COMPUTED VAPOUR TENSION.					RELATIVE HUMIDITY.					Rain-fall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	8 hours.	14 hours.	20 hours.	Mean.	Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	68·5	71·1	67·9	68·5	Not recorded.	·641	·583	·618	·614		80	49	76	71		*Nil*	1	1	*b.*	*b.*
2	67·9	70·7	67·9	68·1		·624	·577	·630	·608		78	49	82	72		...	1	0·5	*b.*	*b.*
3	66·9	69·7	67·1	67·2		·599	·545	·619	·587		78	48	80	72		...	0	0·5	*b.*	*b.*
4	68·3	72·9	68·9	69·3		·649	·674	·661	·664		84	60	83	81		...	0	0	*b.*	*b.*
5	69·7	73·9	69·7	70·4		·687	·680	·687	·682		86	56	86	78		...	2	1	*b.*	*b.*
6	71·0	74·1	71·9	71·6		·727	·712	·747	·726		88	62	87	84		...	2	0·5	*b.*	*b.*
7	71·7	74·0	69·9	71·2		·745	·706	·707	·718		88	60	90	84		...	1	0	*b.*	*b.*
8	70·1	74·8	69·9	70·9		·705	·729	·707	·712		87	61	90	84		...	0	0	*b.*	*b.*
9	69·9	74·4	70·7	71·0		·693	·712	·722	·712		86	59	89	84		...	2	3	*b.*	*b.*
10	70·1	75·0	72·1	71·7		·688	·735	·753	·723		82	61	87	82		...	3	3	*c.*	*c.*
11	72·3	74·0	72·3	72·2		·760	·720	·729	·735		88	63	78	81		...	4	3·5	*c.*	*c.*
12	71·8	75·2	72·9	72·6		·676	·727	·743	·718		69	58	80	73		...	5	2	*c.*	*c.*
13	70·8	71·7	70·1	70·2		·668	·589	·675	·659		71	51	78	70		...	2	1·5	*b.*	*b.*
14	69·1	74·8	70·5	70·8		·660	·712	·688	·690		81	58	80	78		...	2	0·5	*b.*	*b.*
15	69·9	70·9	68·9	69·2		·693	·571	·656	·647		87	47	81	76		...	1	1	*b.*	*b.*
16	70·1	73·9	67·9	69·9		·707	·652	·645	·676		89	53	85	81		...	0	0	*b.*	*b.*
17	69·4	75·8	73·8	72·3		·688	·771	·808	·757		90	64	90	88		...	0	0	*b.*	*b.*
18	73·2	75·6	72·1	72·9		·773	·759	·726	·754		84	63	78	81		...	3	0	*c.*	*b.*
19	72·9	75·0	72·9	72·9		·784	·740	·779	·767		90	62	89	85		...	3	0	*c.*	*b.*
20	73·0	74·4	74·5	73·3		·779	·710	·824	·771		88	59	90	83		...	0	0	*b.*	*b.*
21	72·9	73·9	72·1	72·2		·787	·636	·756	·730		92	47	88	79		...	0	0	*b.*	*b.*
22	73·0	75·6	74·7	73·6		·786	·712	·820	·773		90	53	86	81		...	1	0	*b.*	*b.*
23	74·7	76·8	75·0	74·7		·825	·785	·831	·807		88	61	87	82		...	4	2·5	*c.*	*c.*
24	74·8	77·7	74·4	74·8		·844	·843	·806	·811		83	68	84	82		...	1	0	*b.*	*b.*
25	72·9	75·6	72·9	73·0		·774	·755	·744	·752		88	62	78	80		...	0	0	*b.*	*b.*
26	73·4	76·8	72·9	73·6		·782	·790	·771	·773		85	61	86	82		...	0	0	*b.*	*b.*
27	73·0	76·0	73·3	73·3		·781	·783	·773	·773		88	66	84	84		...	6	0	*c.*	*b.*
28	74·4	75·6	74·0	73·9		·809	·752	·789	·775		82	61	82	79		...	1	0·5	*b.*	*b.*
Mean	71·3	74·3	71·5	71·6	...	·726	·702	·729	·718		85	58	84	80		*Nil*	1·6	0·8	...	...

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal Minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·958	29·891	29·924	29·920	77·8	85·3	77·0	78·2	86·6	69·0	17·6	149·2	62·6	66·2	2·8	SE by E	ESE	25	65	90
2	·961	·923	·980	·953	76·4	85·8	79·0	78·5	88·0	69·0	19·0	145·7	57·7	66·8	2·2	SE by E	ESE	26	110	136
3	30·014	·951	·970	·974	81·8	85·8	79·6	81·1	88·0	75·2	12·8	146·8	58·8	73·0	2·2	E by S	E	71	86	157
4	·021	·960	·999	·989	81·6	86·6	79·6	81·3	88·5	75·5	13·0	145·5	57·0	73·8	1·7	ESE	E by S	51	110	161
5	·017	·948	·963	·972	79·1	86·0	79·8	80·0	89·1	72·8	16·3	150·6	61·5	70·2	2·6	SE	SE by E	32	95	12
6	29·981	·906	·946	·939	80·8	86·0	80·0	80·9	87·9	74·4	13·5	143·5	55·6	73·6	0·8	SE by E	SE	41	106	147
7	·959	·897	·904	·916	80·0	86·8	78·8	80·3	88·5	73·0	15·5	144·8	56·3	71·2	1·8	SE by E	ESE	32	85	117
8	·951	·886	·898	·908	78·8	86·4	79·8	80·1	87·7	72·2	15·5	141·9	54·2	71·0	1·2	SE by E	SE by E	41	123	164
9	·954	·872	·888	·900	81·8	83·8	80·8	80·5	88·3	74·0	14·3	147·2	58·9	72·0	2·0	SE by S	SE by S	49	132	18
10	·916	·839	·874	·871	81·0	86·6	80·3	81·0	89·1	75·0	14·1	143·7	54·6	73·4	1·6	SE by S	SE	47	111	158
11	·879	·803	·818	·828	81·2	87·9	79·8	81·3	89·1	73·2	15·9	143·9	54·8	71·0	2·2	SSE	SE	50	110	160
12	·866	·813	·840	·837	79·8	87·0	80·0	81·6	88·9	73·1	15·8	150·1	61·2	71·0	2·1	SSE	SE	50	119	169
13	·863	·795	·851	·832	80·8	85·0	79·8	80·2	88·1	72·6	15·5	141·7	53·6	70·0	2·6	SE by S	SE by S	48	111	159
14	·870	·750	·796	·798	80·0	87·4	80·8	80·4	95·3	74·0	21·3	149·6	54·3	72·2	1·8	S	SSE	80	146	226
15	·832	·751	·785	·785	83·8	87·7	82·8	83·3	91·6	78·0	13·6	143·7	52·1	77·0	1·0	S	SSE	107	151	258
16	·852	·773	·803	·804	84·6	88·9	83·0	84·2	91·8	79·8	12·0	146·8	55·0	79·1	0·7	S by E	SSE	118	147	265
17	·850	·768	·823	·809	82·8	86·2	82·0	82·6	90·2	79·8	10·4	143·8	53·6	79·1	0·7	S by E	SE by S	121	151	272
18	·845	·771	·803	·801	81·8	87·6	81·4	82·1	89·7	76·2	13·5	143·9	54·2	74·3	1·9	SSE	SE	82	143	225
19	·879	·834	·871	·858	83·0	88·0	79·8	81·9	89·5	74·0	15·5	145·6	56·1	71·9	2·1	SE	SE by E	55	71	126
20	·896	·841	·849	·859	79·2	88·3	80·0	80·4	90·2	71·2	19·0	148·8	58·6	69·3	1·9	SE by E	SE by E	30	78	108
21	·862	·797	·823	·823	80·4	87·2	80·0	80·4	90·2	71·5	18·7	144·8	54·6	69·3	2·2	SE by E	SE by E	32	80	112
22	·860	·773	·797	·805	80·8	88·2	80·8	81·2	91·4	72·0	19·4	145·7	54·3	69·3	2·7	SE by E	SE	41	86	127
23	·850	·755	·785	·791	81·0	90·4	81·8	82·3	92·4	73·2	19·2	145·0	52·6	71·7	1·5	SSE	SE by S	47	111	158
24	·871	·771	·803	·809	82·3	89·6	81·0	82·3	92·2	74·2	18·0	149·8	57·6	72·3	1·9	S by E	SSE	54	111	165
25	·853	·765	·778	·795	83·6	89·5	81·8	82·9	92·7	74·0	18·7	144·8	52·1	71·7	2·3	S by E	SSE	69	103	172
26	·848	·755	·825	·805	82·6	90·9	82·0	83·1	95·6	76·1	19·5	146·7	51·1	75·1	1·0	S by E	SSE	89	106	195
27	·862	·791	·827	·824	82·8	90·0	82·0	83·1	91·7	75·0	16·7	143·7	52·0	72·3	2·7	SSE	SE by S	73	117	190
28	·879	·795	·843	·835	82·8	90·6	81·8	83·1	93·2	75·2	18·0	144·0	50·8	73·3	1·9	SSE	SE by S	79	103	182
29	·905	824	·847	·855	83·4	90·9	81·8	83·7	93·2	78·0	15·2	145·0	51·8	77·1	0·9	S by E	SE by S	69	81	150
30	·898	·817	·856	·853	82·8	90·1	81·8	82·8	95·4	76·2	19·2	147·6	52·2	74·1	2·1	SSW	SE by S	55	102	157
31	·910	·808	·849	·851	81·8	90·3	82·0	82·6	95·2	76·0	19·2	145·0	49·8	74·1	1·9	S by W	SE by S	64	96	160
Mean	29·902	29·827	29·859	29·858	80·3	87·8	80·7	81·5	90·6	74·3	16·3	145·8	55·1	72·5	1·8	...	...	59	108	167

MADRAS—MARCH 1890.

Date.	Temperature of Evaporation.					Computed Vapour Tension.					Relative Humidity.					Rain-fall, Inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	73·9	74·8	73·9	73·4	Not recorded.	·785	·722	·797	·765		82	59	86	79		*Nil*	4	3	*c.*	*c.*
2	73·6	75·8	73·7	73·6		·791	·758	·762	·769		87	61	78	78		...	4	4	*c.*	*c.*
3	74·7	76·0	75·8	74·7		·765	·767	·842	·774		71	62	83	73		...	5	4·5	*c.*	*c.*
4	76·6	78·0	75·0	75·7		·850	·844	·808	·815		79	67	80	77		...	7	5·5	*Cloudy.*	*c.*
5	74·8	75·2	75·5	74·4		·806	·730	·827	·778		85	58	81	76		...	5	6·5	*c.*	*c.*
6	75·8	77·8	74·1	75·1		·825	·847	·765	·796		78	68	74	75		...	6	6·5	*c.*	*c.*
7	74·8	76·8	73·9	74·4		·793	·788	·771	·772		77	62	78	74		...	6	35	*c.*	*c.*
8	74·1	76·2	74·8	74·2		·781	·767	·796	·767		79	61	78	74		...	4	[illegible]	*c.*	*c.*
9	76·4	76·8	75·8	75·5		·837	·828	·825	·817		77	72	78	78		...	2	0·5	*b.*	*b.*
10	76·0	78·0	75·8	75·8		·825	·844	·832	·825		78	67	80	78		...	5	3·5	*c.*	*c.*
11	76·2	76·0	75·0	74·9		·829	·738	·804	·786		78	56	79	73		...	4	1	*c.*	*b.*
12	75·8	77·6	75·8	75·6		·812	·821	·835	·806		75	64	81	75		...	1	1	*b.*	*b.*
13	75·8	76·6	74·8	74·9		·825	·803	·796	·794		78	66	78	77		...	1	0	*b.*	*b.*
14	75·8	77·6	76·8	75·9		·836	·815	·869	·835		81	63	83	80		...	2	0	*b.*	*b.*
15	77·8	79·3	77·4	77·4		·872	·888	·868	·861		75	68	81	75		...	1	1	*b.*	*b.*
16	77·4	79·6	77·0	77·2		·845	·885	·848	·840		71	65	75	72		...	6	2·5	*c.*	*c.*
17	78·0	78·1	77·8	77·2		·895	·854	·897	·860		80	68	82	77		...	5	6	*c.*	*c.*
18	75·8	77·8	76·8	76·0		·812	·820	·861	·817		75	62	80	75		...	5	1	*c.*	*b.*
19	75·6	77·6	75·8	75·5		·787	·809	·839	·798		69	61	82	73		...	4	2·5	*c.*	*b.*
20	74·3	76·8	74·8	74·6		·783	·768	·793	·794		78	57	78	75		...	2	1	*b.*	*b.*
21	75·4	77·8	75·8	75·6		·814	·827	·836	·820		78	64	81	79		...	0	0	*b.*	*b.*
22	75·8	77·0	76·6	75·8		·825	·786	·860	·819		78	59	82	77		...	1	1	*b.*	*b.*
23	78·0	80·4	78·4	78·2		·920	·904	·927	·911		87	63	85	83		...	2	0·5	*b.*	*b.*
24	78·4	77·4	77·8	77·2		·920	·776	·911	·867		83	56	87	79		...	3	0·5	*c.*	*b.*
25	77·7	77·5	79·0	77·4		·871	·783	·954	·866		75	55	88	77		...	0	0	*b.*	*b.*
26	78·6	79·9	79·8	78·7		·925	·873	·989	·922		83	60	90	81		...	1	1	*b.*	*b.*
27	78·4	80·2	79·8	78·8		·913	·897	·988	·926		81	64	90	82		...	1	2	*b.*	*b.*
28	78·5	79·1	79·6	78·4		·916	·840	·981	·910		82	58	90	80		...	1	2	*b.*	*b.*
29	78·0	77·8	79·0	77·6		·883	·777	·955	·866		77	54	88	75		...	4	2	*c.*	*b.*
30	78·7	80·8	78·8	78·7		·927	·926	·945	·927		83	64	87	83		...	4	1·5	*c.*	*b.*
31	77·0	76·4	78·8	76·7		·864	·723	·941	·840		80	50	86	75		...	6	3·5	*c.*	*c.*
Mean	76·4	77·6	76·6	76·1		·843	·813	·862	·830		79	62	82	77		*Nil*	3·3	2·2	...	...

MADRAS—APRIL 1890.

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal Minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·890	29·771	29·800	29·815	82·6	86·0	81·8	81·7	94·0	77·3	16·7	133·8	39·8	76·1	1·2	SSW	SSE	70	96	166
2	·843	·782	·821	·812	82·8	90·3	82·0	83·0	94·6	76·0	18·6	140·6	46·0	73·3	2·7	S by E	SE by S	62	117	179
3	·874	·814	·833	·837	82·4	88·1	81·8	82·4	91·7	76·5	15·2	140·3	48·6	75·1	1·4	S by E	SE by S	63	116	179
4	·897	·825	·850	·854	82·8	87·9	81·8	82·6	90·4	76·2	14·2	139·6	49·2	74·1	2·1	S by W	SE by S	54	98	152
5	·938	·817	·842	·861	82·8	88·4	82·0	82·7	90·9	75·7	15·2	140·8	49·9	73·5	2·2	SE by S	SE by S	37	121	158
6	·940	·866	·879	·892	83·8	89·9	82·2	83·4	92·5	75·2	17·3	142·8	50·3	73·1	2·1	SE	SE	41	95	136
7	·952	·891	·928	·921	83·6	89·0	83·0	83·2	93·2	75·2	18·0	143·8	50·6	73·1	2·1	SE by E	E by S	25	93	118
8	·985	·890	·918	·927	83·8	90·0	83·2	83·8	94·5	76·8	17·7	147·6	53·1	74·3	2·5	ESE	ESE	24	78	102
9	·952	·864	·887	·897	84·3	88·8	82·1	83·0	92·3	75·2	17·1	139·8	47·5	73·1	2·1	S by E	SE	32	96	128
10	·937	·846	·853	·875	83·8	90·7	82·5	83·6	92·1	74·2	17·9	141·0	48·9	72·0	2·2	S by E	SSE	49	104	153
11	·893	·782	·789	·816	84·8	90·0	82·0	83·7	92·3	76·3	16·0	140·8	48·5	74·5	1·8	SSE	SE	60	130	190
12	·869	·790	·814	·821	83·8	89·5	82·0	83·4	91·2	77·1	14·1	141·3	50·1	75·1	2·0	SE by S	SE by S	61	96	157
13	·922	·826	·839	·858	84·8	89·6	82·8	83·7	91·6	75·1	16·5	141·8	50·2	73·8	1·3	SE by S	SE	32	95	127
14	·867	·761	·787	·800	84·8	89·6	82·8	83·8	92·2	76·5	15·7	145·7	53·5	75·1	1·4	SSE	SE by S	50	116	166
15	·856	·767	·785	·799	87·1	89·0	83·0	84·7	93·5	79·2	14·3	142·8	49·3	77·3	1·9	SSE	SE by E	69	96	165
16	·849	·728	·754	·772	86·8	91·7	83·8	85·1	97·8	79·0	18·8	149·4	51·6	77·1	1·9	S	SE	41	95	136
17	·829	·695	·701	·736	85·3	88·8	83·2	84·0	92·6	77·4	15·2	142·8	50·2	75·2	2·2	SE by S	SE	39	121	160
18	·824	·724	·780	·772	83·3	92·9	83·8	84·4	96·0	77·2	18·8	145·4	49·4	76·2	1·0	NE by N	ESE	32	65	97
19	·845	·801	·851	·830	84·8	88·9	83·8	83·8	93·9	77·6	16·3	141·8	47·9	76·0	1·6	SE by E	SE by E	33	92	125
20	·904	·812	·819	·841	86·8	90·9	83·8	85·4	93·2	78·4	14·8	141·3	48·1	77·0	1·4	SE	SE by E	41	109	150
21	·842	·759	·783	·791	85·3	88·9	83·9	84·3	92·5	78·4	14·1	141·8	49·3	76·7	1·7	SE by S	SE by S	46	124	170
22	·807	·736	·752	·762	86·5	91·0	83·8	85·3	94·3	79·5	14·8	145·6	51·3	77·8	1·7	S by E	SE by S	68	117	185
23	·826	·753	·744	·771	84·8	89·5	83·8	84·4	93·0	79·4	13·6	142·6	49·6	77·0	2·4	SE by S	SE by S	69	158	227
24	·828	·707	·734	·751	86·2	91·1	84·0	84·9	99·6	81·4	18·2	153·2	53·6	80·0	1·4	S	SSE	95	164	259
25	·782	·691	·727	·729	86·8	92·1	84·0	85·5	98·3	81·2	17·1	149·8	51·5	80·0	1·2	S by W	SSE	86	145	231
26	·811	·717	·782	·766	86·5	91·9	84·8	85·5	97·4	78·8	18·6	148·4	51·0	78·0	0·8	SW by S	SE	58	87	145
27	·835	·739	·794	·785	83·5	91·0	83·8	84·0	95·0	77·4	17·6	140·8	45·8	74·2	3·2	SW	ESE	29	62	91
28	·817	·749	·784	·780	86·2	90·5	83·8	85·0	94·5	79·7	14·8	142·1	47·6	78·0	1·7	ESE	SE by E	37	87	124
29	·841	·734	·805	·788	85·0	92·0	83·4	84·8	95·0	78·5	16·5	145·6	50·6	76·2	2·3	SSE	SE	44	98	142
30	·858	·767	·815	·809	84·5	92·0	82·8	84·3	94·5	77·3	17·2	139·7	45·2	75·1	2·2	SSE	SE	28	76	104
Mean .	29·870	29·780	29·808	29·816	84·7	90·0	83·1	84·0	93·8	77·4	16·4	143·1	49·3	75·6	1·8	...	...	49	105	154

Date.	Temperature of Evaporation.					Computed Vapour Tension. e					Relative Humidity.					Rain-fall, Inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	77·2	79·0	78·8	77·7	Not recorded.	·862	·898	·946	·897		77	72	87	83		*Nil*	6	8	*c.*	*Cloudy.*
2	77·5	79·8	78·8	78·1		·874	·876	·943	·897		78	62	86	79		...	5	3	*c.*	*b. c.*
3	78·8	78·6	78·1	77·9		·938	·851	·913	·896		85	64	84	81		...	5	2	*c.*	*b.*
4	77·8	79·8	78·0	77·9		·887	·910	·909	·894		79	69	84	80		...	2	1·5	*b.*	*b.*
5	78·4	77·8	77·8	77·4		·913	·811	·897	·870		81	61	82	78		...	1	0·5	*b.*	*b.*
6	78·0	78·6	77·0	77·3		·882	·826	·859	·858		75	59	78	75		...	0	0·5	*b.*	*b.*
7	78·4	79·0	78·0	77·9		·903	·857	·893	·886		78	63	79	78		...	1	1	*b.*	*b.*
8	78·0	80·0	78·0	78·1		·882	·890	·890	·886		76	63	78	77		...	1	2	*b.*	*b.*
9	78·8	77·8	77·8	77·5		·912	·804	·896	·871		77	59	81	77		...	2	1	*b.*	*b.*
10	77·8	80·0	78·8	78·4		·873	·880	·936	·903		75	61	84	79		...	1	0·5	*b.*	*b.*
11	78·8	78·0	78·8	78·0		·905	·798	·943	·883		76	56	86	76		...	1	0	*b.*	*b.*
12	78·1	78·2	77·2	77·3		·886	·813	·870	·856		76	58	80	75		...	3	1	*b. c.*	*b.*
13	78·8	79·8	78·8	78·6		·905	·886	·931	·911		76	64	83	79		...	3	3	*b. c.*	*b. c.*
14	78·8	80·0	78·8	78·7		·905	·896	·932	·914		76	65	83	79		...	3	3	*b. c.*	*b. c.*
15	79·3	81·0	78·9	79·2		·865	·951	·934	·925		69	70	83	77		...	2	1·5	*b.*	*b.*
16	79·8	79·0	79·0	78·8		·912	·751	·928	·901		72	43	80	75		...	2	3·5	*b.*	*c.*
17	79·3	80·0	79·5	79·1		·921	·906	·958	·929		76	67	84	79		...	3	1·5	*b. c.*	*b.*
18	75·8	78·4	78·8	77·2		·792	·777	·919	·838		69	50	79	71		...	4	3·5	*c. t.* <	*c.*
19	78·6	78·9	78·8	78·3		·895	·854	·919	·896		75	63	79	77		...	4	2	*c.* <	*c.*
20	77·8	78·8	78·8	78·0		·832	·830	·919	·860		65	57	79	70		...	3	1	*b. c.*	*b.*
21	78·3	79·2	78·5	78·2		·876	·874	·903	·884		72	64	77	75		...	0·5	2·5	*b.*	*b.* <
22	77·8	78·0	78·8	77·7		·836	·784	·919	·849		66	54	79	70		...	2	2·2	*b.*	*b.* <
23	78·8	80·8	79·3	79·1		·905	·934	·942	·924		76	70	77	78		...	2	1·5	*b.*	*b.*
24	79·2	81·0	80·8	79·8		·905	·923	1·007	·945		72	63	86	79		...	2	1·5	*b.*	*b.* <
25	77·8	81·0	80·8	79·5		·832	·909	1·007	·927		65	61	86	76		...	2	3	*b.*	*b. c.* <
26	75·8	79·8	78·8	77·7		·748	·855	·905	·850		59	57	76	67		0·17	3	5·5	*b. c.* <	*c.* Ꝁ
27	77·8	80·8	80·0	79·1		·878	·914	·974	·929		76	63	84	79		*Nil*	8	5	*Cloudy.*	*b. c. t.*
28	78·8	79·0	79·6	78·7		·886	·837	·956	·897		70	58	82	75		...	4	1	*c.*	*b.*
29	78·3	79·7	79·8	78·9		·880	·849	·970	·911		73	56	85	76		...	2	1	*b.*	*b*
30	78·3	80·0	78·8	78·6		·886	·863	·931	·902		75	57	83	77		...	4	5	*c.*	*Hazy.*
Mean	78·2	79·4	78·8	78·3		·879	·860	·928	·893		74	61	82	77		Total 0·17	2·7	2·3	...	...

MADRAS—MAY 1890.

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal Minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·824	29·724	29·753	29·763	84·8	91·2	83·8	84·4	94·7	76·3	18·4	142·2	47·5	74·9	1·4	SSE	SE	46	105	151
2	·755	·662	·654	·687	86·0	91·0	84·8	85·2	97·5	80·4	17·1	141·6	44·1	80·1	0·3	S	SSE	94	127	221
3	·669	·608	·664	·644	89·7	92·0	87·0	86·7	104·9	80·4	24·5	147·8	42·9	79·7	0·5	SW	SE	56	120	176
4	·709	·664	·699	·689	88·9	94·3	86·0	87·1	104·1	82·3	21·8	147·8	43·7	82·4	—0·1	SW by S	SE by S	88	100	188
5	·753	·695	·708	·716	88·1	92·3	84·8	87·0	94·5	82·4	12·1	141·0	46·5	82·5	−0·1	SSE	SE	69	110	179
6	·706	·609	·630	·644	88·7	95·0	86·6	88·0	99·1	81·2	17·9	145·8	46·7	81·3	−0·1	S by E	SE	64	89	153
7	·628	·543	·585	·581	91·1	99·0	86·0	88·9	108·3	82·3	26·0	154·8	46·5	81·9	0·4	SSW	SE by S	77	118	195
8	·624	·570	·638	·609	92·1	96·7	86·8	89·0	108·0	84·1	23·9	152·0	44·0	83·5	0·6	WSW	SE by S	141	113	254
9	·692	·633	·681	·666	93·1	98·0	86·8	89·5	109·0	83·0	26·0	151·8	42·8	82·3	0·7	WSW	SE	82	102	184
10	·728	·674	·715	·704	90·9	97·2	86·8	88·6	107·3	82·4	24·9	156·7	49·4	81·5	0·9	SW	SE by S	80	103	183
11	·761	·692	·723	·722	90·9	97·1	85·0	88·1	107·1	83·0	24·1	152·2	45·1	82·3	0·7	SW	SE by S	95	102	197
12	·763	·679	·731	·720	89·7	94·3	85·8	87·2	105·2	82·2	23·0	153·4	48·2	81·3	0·9	S by W	SE by S	101	121	222
13	·777	·715	·770	·751	89·7	93·0	84·6	86·6	102·6	82·0	20·6	148·2	45·6	80·3	1·7	S by W	SE by S	66	130	196
14	·820	·738	·792	·779	88·9	89·4	83·8	85·4	96·9	80·4	16·5	144·1	47·2	79·9	0·5	S	SSE	77	159	236
15	·816	·736	·761	·767	85·8	87·9	84·4	84·7	91·7	80·6	11·1	141·5	49·8	80·5	0·1	S by E	SSE	159	119	278
16	·770	·719	·723	·735	86·0	89·9	83·8	84·9	93·9	79·5	14·4	142·5	48·6	79·0	0·5	S	SE by S	63	120	183
17	·762	·692	·731	·725	86·8	90·3	84·0	85·4	92·3	80·5	11·8	139·6	47·3	79·8	0·7	S by E	SE	99	125	224
18	·773	·704	·723	·730	86·2	90·9	83·8	85·5	92·9	80·5	12·4	140·3	47·4	80·2	0·3	S by E	SE	111	115	226
19	·757	·711	·728	·730	88·9	90·0	84·4	86·2	95·0	81·3	13·7	142·8	47·8	81·2	0·1	SSW	SSE	98	114	212
20	·762	·680	·713	·714	87·9	91·3	84·0	85·5	99·1	80·9	18·2	147·6	48·5	80·7	0·2	S by E	SE by S	104	129	233
21	·753	·681	·731	·719	88·9	92·6	84·8	86·6	99·5	81·5	18·0	146·8	47·3	80·8	0·7	S by W	SE	74	109	183
22	·764	·678	·720	·717	88·5	90·0	84·6	85·7	97·6	81·0	16·6	145·6	48·0	80·8	0·2	S by W	SE by S	77	121	198
23	·783	·688	·727	·729	88·9	93·0	84·8	86·8	99·2	81·5	17·7	147·0	47·8	81·2	0·3	SSW	E by S	69	126	195
24	·764	·671	·695	·706	87·9	94·9	85·4	86·6	104·9	81·7	23·2	152·8	47·9	81·6	0·1	SW by S	SSE	80	124	204
25	·728	·645	·679	·680	90·7	100·1	85·8	89·5	106·5	83·7	22·8	154·8	48·3	83·6	0·1	SW	SSE	113	122	235
26	·732	·654	·699	·692	90·4	96·8	86·0	88·5	105·8	84·5	21·3	152·0	46·2	83·8	0·7	W by S	SE by S	115	131	246
27	·737	·650	·676	·684	92·9	97·0	88·6	90·3	106·2	85·3	20·9	150·8	44·6	84·6	0·7	SW by W	SE by S	99	125	224
28	·708	·629	·643	·656	92·9	97·7	90·7	91·7	103·1	85·5	17·6	147·6	44·5	85·4	0·1	W by S	SSE	131	140	271
29	·710	·629	·687	·671	84·8	102·3	95·5	91·4	105·0	81·5	23·5	142·3	37·3	81·2	0·3	SW	WSW	126	106	232
30	·786	·693	·722	·730	90·5	93·2	85·8	87·7	103·2	85·3	17·9	149·7	46·5	84·8	0·5	WSW	S by E	138	143	281
31	·737	·615	·649	·661	89·9	104·3	88·7	91·7	106·1	84·7	21·4	150·8	44·7	84·6	0·1	W by S	SW by W	179	130	309
Mean .	29·744	29·667	29·702	29·701	89·0	94·3	85·9	87·4	101·3	82·0	19·3	147·5	46·2	81·5	0·5	...	...	96	119	215

Date.	Temperature of Evaporation.					Computed Vapour Tension.					Relative Humidity.					Rain-fall, Inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 22h hours.
1	76·8	79·8	79·6	78·3	Not recorded.	·815	·864	·956	·888		68	59	82	75		*Nil*	5	2	*c.*	*b.*
2	77·8	81·3	82·0	80·0		·843	·936	1·057	·955		68	64	87	79		...	2	3	*b.*	*b.*
3	78·0	79·6	77·8	78·1		·802	·844	·830	·847		57	56	64	67		...	2	2	*b.*	*b.*
4	80·6	83·3	81·8	81·5		·933	·992	1·030	1·002		69	61	83	78		...	2	2	*b.*	*b. hazy.* (|)
5	80·0	81·0	81·0	80·3		·916	·955	1·007	·915		70	61	83	72		...	1	1	*b.*	*b.*
6	82·0	83·7	82·0	82·2		1·003	1·003	1·032	1·023		74	61	82	76		...	1	1	*b.*	*b.*
7	77·8	80·0	83·0	79·9		·773	·768	1·090	·900		52	41	88	65		...	2	1	*b.*	*b.* <
8	77·6	82·9	81·8	80·4		·751	·939	1·020	·923		50	54	80	70		...	3	3	*c.*	*c* <
9	79·0	81·0	82·0	80·3		·802	·829	1·029	·911		52	58	80	65		...	2	3	*c.*	*c.*
10	76·8	81·4	81·8	79·6		·733	·859	1·019	·890		51	48	80	66		...	2	3	*b.*	*c.*
11	78·8	83·1	82·7	81·1		·822	·944	1·088	·918		57	53	90	73		...	1	2·5	*b.*	*b.*
12	80·0	83·4	82·9	81·7		·894	·993	1·087	1·010		64	61	88	78		...	2	1·5	*b.*	*b.*
13	80·0	82·0	82·9	81·2		·894	·945	1·103	·993		64	61	92	78		...	0	0·5	*b.*	*b.*
14	80·0	81·8	81·4	80·7		·904	·985	1·041	·978		66	71	89	81		...	0	2	*b.*	*b.* <
15	79·8	81·9	81·8	80·8		·937	1·010	1·053	·993		76	76	88	83		...	3	2	*c.*	*b. t.* <
16	76·8	79·1	79·6	78·1		·799	·858	·956	·871		64	60	82	72		...	4	2·5	*c.*	*c.*
17	80·0	81·0	81·0	80·3		·933	·933	1·019	·967		72	64	87	79		...	4	2	*c.*	*b.*
18	80·0	84·0	81·8	81·5		·941	1·073	1·060	1·023		76	74	91	84		...	4	1	*c.*	*b.*
19	79·0	80·0	82·0	79·9		·858	·890	1·062	·937		63	63	89	74		...	4	2·5	*c.*	*c.*
20	80·6	82·3	82·8	81·5		·915	·983	1·107	1·023		72	65	95	82		...	3	2·5	*c.*	*b.* <
21	77·6	79·6	81·8	79·3		·795	·836	1·039	·904		58	55	87	70		...	1	1·5	*b.*	*b.* <
22	76·6	80·0	81·8	79·1		·789	·890	1·050	·902		56	63	87	74		...	3	1·5	*c.*	*b.* <
23	77·0	82·6	82·0	80·1		·768	·974	1·057	·938		56	62	87	73		...	5	3	*c.*	*c.*
24	81·0	82·4	82·0	81·4		·966	·935	1·048	1·003		73	57	85	77		...	1	3·5	*b.*	*c.* <
25	77·0	81·8	82·0	79·9		·744	·839	1·043	·893		52	44	84	65		...	1	3	*b.*	*c.*
26	81·2	82·0	81·0	81·0		·942	·893	·992	·958		65	51	80	71		...	0	2	*b.*	*b.*
27	80·0	82·0	80·8	80·5		·850	·891	·947	·908		55	51	70	63		...	1	1	*b.*	*b.*
28	79·6	83·7	84·0	82·0		·832	·966	1·076	·963		54	54	75	65		...	1	2·5	*b.*	*b. t.* <
29	75·0	76·0	78·0	75·9		·737	·543	·723	·695		61	26	43	46		...	4	4	*c.*	*c.*
30	75·6	79·6	80·3	78·1		·685	·828	·961	·834		48	53	78	64		...	4	4	*c.*	*c. t.*
31	78·0	79·0	80·8	78·9		·799	·650	·945	·816		57	29	71	54		...	6	2·5	*c.*	*c.*
Mean	78·7	81·3	81·5	80·1		·844	·898	1·017	·928		62	56	82	72		*Nil*	2·4	2·2	...	

MADRAS—JUNE 1890.

DATE.	BAROMETER REDUCED TO 32°.				TEMPERATURE OF AIR.							TEMPERATURE OF RADIATION.				WIND.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 ours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal Minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29.733	29.622	29.660	29.667	90.7	102.9	86.0	91.1	103.5	85.8	17.7	149.9	46.4	84.3	1.5	W by S	SSW	123	146	269
2	.748	.665	.709	.703	90.9	94.0	86.4	88.1	103.3	84.5	18.8	148.0	44.7	83.8	0.7	WSW	S	121	142	263
3	.740	.687	.695	.705	85.8	89.1	84.8	83.7	99.2	83.1	16.1	133.6	34.4	82.5	0.6	SW	SSE	96	128	224
4	.753	.673	.707	.709	90.1	95.5	84.8	88.1	99.3	83.0	16.3	139.9	40.6	82.3	0.7	SW by W	S	99	78	177
5	.721	.633	.637	.661	89.3	94.9	85.9	87.7	101.0	81.8	19.2	145.7	44.7	80.1	1.7	W by S	SE	72	122	194
6	.687	.610	.655	.649	91.2	96.9	87.5	89.4	103.3	82.7	20.6	157.1	53.8	82.0	0.7	SW by W	SSE	104	87	191
7	.704	.639	.643	.660	86.8	95.1	84.8	87.2	95.8	82.0	13.8	127.1	31.3	81.1	0.9	W by S	E by S	98	82	180
8	.690	.596	.650	.642	87.9	97.2	80.3	86.1	101.9	81.7	20.2	143.3	41.4	81.1	0.6	SW	S by W	102	79	181
9	.683	.604	.625	.635	83.8	91.8	83.8	84.5	95.6	78.8	16.8	140.8	45.2	76.1	2.7	W	S by E	51	98	149
10	.679	.597	.625	.631	86.8	89.5	83.9	84.5	97.9	79.6	18.3	141.5	43.6	78.9	0.7	W by S	SE by S	47	88	135
11	.689	.631	.654	.656	83.8	87.9	83.7	83.9	91.0	80.7	10.3	117.1	26.1	78.1	2.6	S	SSE	58	108	166
12	.726	.668	.705	.698	84.3	87.0	84.3	83.6	91.3	77.8	13.5	143.9	52.6	77.1	0.7	SSW	SSE	88	116	204
13	.771	.670	.721	.718	86.8	89.9	78.8	82.7	99.3	78.3	21.0	149.1	49.8	76.8	1.5	SW	S by E	67	90	157
14	.744	.617	.673	.674	85.5	97.1	78.0	84.5	98.5	78.4	20.1	142.3	43.8	77.7	0.7	WSW	S	61	79	140
15	.707	.636	.652	.663	77.8	86.8	83.0	80.7	88.8	73.8	15.0	124.9	36.1	72.5	1.3	W	S	57	80	137
16	.695	.640	.639	.656	81.8	86.6	82.8	82.6	87.7	78.5	9.2	111.6	23.9	77.0	1.5	SW	S by W	61	77	138
17	.721	.647	.658	.673	82.8	89.1	79.8	82.7	98.2	79.8	10.4	124.0	33.8	79.1	0.7	SW by S	SW	82	78	160
18	.702	.644	.650	.663	81.8	88.0	85.7	83.8	90.1	78.6	11.5	122.6	32.5	78.0	0.6	WSW	WSW	102	101	203
19	.726	.633	.686	.679	79.9	93.1	79.7	81.8	95.8	75.5	20.3	139.1	43.3	73.2	2.3	W by S	SW by W	95	62	157
20	.741	.686	.721	.714	82.6	94.1	83.2	84.6	95.4	78.8	16.6	146.8	51.4	78.0	0.8	W	SSW	71	91	162
21	.820	.720	.741	.557	83.9	97.0	83.7	85.8	98.4	78.6	19.8	140.0	41.6	76.9	1.7	SW by W	S	65	107	172
22	.795	.697	.696	.726	84.8	88.9	82.8	83.4	96.4	78.7	17.7	141.2	44.8	77.9	0.8	S by W	SSE	66	137	203
23	.736	.680	.693	.701	84.4	86.8	83.0	83.2	94.0	81.6	12.4	140.3	46.3	81.1	0.5	SW by S	SE by S	64	103	167
24	.766	.700	.734	.731	83.8	93.2	83.6	84.3	95.6	73.7	21.9	138.1	42.5	73.1	0.6	SW by S	SSW	80	110	190
25	.785	.717	.757	.751	85.0	89.9	83.5	84.0	96.8	79.3	17.5	143.8	47.0	78.2	1.1	SW by S	S by E	80	81	161
26	.831	.742	.736	.767	74.0	89.9	82.6	79.9	91.6	72.1	19.5	136.8	45.2	71.3	0.8	WSW	S by W	83	82	165
27	.778	.697	.752	.739	81.8	93.5	81.8	83.4	95.6	76.7	18.9	137.8	42.2	76.1	0.6	WSW	SW by S	95	118	213
28	782	.749	.749	.759	78.8	86.0	81.8	80.5	87.9	73.6	14.3	116.8	28.9	73.1	0.5	W by S	S by W	120	49	169
29	.784	.743	.735	.752	80.5	87.1	84.5	82.5	89.7	77.5	12.2	120.0	30.3	76.1	1.4	SW	SW by W	51	60	111
30	.747	.653	.646	.679	82.8	89.9	84.0	84.0	92.1	78.8	13.3	139.2	47.1	77.3	1.5	WSW	W by S	124	94	218
Mean	29.739	29.663	29.687	29.694	84.3	91.6	83.3	84.4	95.6	79.1	16.5	136.7	41.2	78.0	1.1	...	...	83	96	179

Date.	Temperature of Evaporation.					Computed Vapour Tension.					Relative Humidity.					Rain-fall, Inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	77·6	81·0	80·8	79·4	Not recorded.	·771	·762	·982	·847		54	36	79	58		*Nil*	5·0	5·0	*c.*	*c.*
2	76·8	80·0	79·8	78·5		·733	·836	·929	·847		51	52	74	64		...	5·0	6·0	*c.*	*c.* ↯
3	77·5	81·2	77·8	78·4		·833	·959	·860	·902		67	70	72	74		...	9·0	7·5	*Cloudy.*	*Cloudy.*
4	76·8	81·8	78·0	78·5		·743	·901	·868	·847		52	53	72	64		...	6·0	8·0	*c.*	*Cloudy. t.*
5	77·0	80·0	76·8	77·5		·763	·823	·800	·807		55	50	65	62		...	5·0	5·0	*c.*	*c.* ↯
6	76·8	80·0	77·8	77·8		·728	·796	·823	·798		49	45	63	58		...	4·0	5·5	*c.*	*c.* ↯
7	74·8	79·8	79·8	77·7		·701	·811	·951	·823		55	49	79	64		...	9·0	7·0	*Cloudy.*	*Cloudy.*
8	76·5	81·8	77·8	78·3		·760	·878	·921	·865		57	50	89	69		1·14	8·0	6·5	*Cloudy.*	*Cloudy.* ☈
9	75·8	81·8	78·1	78·2		·785	·952	·886	·881		68	64	76	74		*Nil*	7·0	4·5	*c.*	*b.*
10	78·8	80·8	79·8	79·4		·878	·934	·963	·937		69	67	83	79		...	6·0	3·5	*c. t.* ↯	*c.*
11	76·8	79·8	79·8	78·4		·828	·909	·965	·899		72	71	83	77		0·04	8·0	7·5	*Cloudy.*	*Cloudy.* ↯
12	78·8	80·6	79·6	79·3		·912	·958	·949	·947		77	74	80	82		*Nil*	6·0	4·0	*c.*	*c.* ↯
13	75·6	79·8	76·8	77·0		·735	·882	·896	·852		58	63	91	76		0·69	4·0	6·0	*c.*	*c. t. lr.*
14	76·1	83·7	77·0	78·5		·775	·979	·916	·895		63	55	95	76		1·16	7·0	6·5	*c.*	*Cloudy.* ☈
15	76·0	79·6	76·8	77·1		·875	·915	·839	·884		91	72	74	85		1·26	10·0	10·0	*o. r.*	*o.*
16	75·8	76·0	78·8	76·5		·812	·756	·932	·832		75	60	83	75		*Nil*	10·0	10·0	*o.*	*o.* ↯
17	76·8	77·6	77·8	77·0		·842	·793	·927	·852		75	58	91	76		0·09	10·0	10·0	*o.*	*o. t.* ↯
18	75·6	77·0	75·0	75·5		·803	·780	·725	·773		74	59	59	67		0·14	9·0	9·0	*Cloudy.*	*Cloudy.*
19	74·8	77·4	77·1	76·0		·795	·729	·897	·821		78	46	89	76		0·08	10·0	8·0	*o.*	*Cloudy.*
20	74·8	76·8	78·0	76·1		·758	·689	·890	·787		68	43	78	66		*Nil*	7·0	8·0	*c.*	*c.*
21	74·9	75·8	76·8	75·4		·745	·606	·829	·741		64	35	72	59		...	6·0	4·5	*c.*	*c.*
22	76·3	78·4	78·8	77·4		·793	·831	·936	·861		66	61	83	75		...	5·0	2·0	*c. b.*	*c. b.*
23	78·4	78·8	78·8	78·3		·892	·878	·929	·904		75	69	82	79		...	6·0	4·5	*c.*	*c.*
24	77·0	80·1	78·0	78·0		·837	·851	·885	·875		72	55	77	74		0·01	8·0	4·5	*Cloudy.*	*c.*
25	77·0	80·4	79·8	78·7		·821	·911	·968	·911		68	65	84	78		*Nil*	5·0	3·0	*c.*	*c. b. t.*
26	72·9	79·0	77·8	76·2		·784	·844	·889	·855		95	60	80	84		1·16	8·0	4·5	*Cloudy.* ☈	*c.*
27	75·8	82·0	73·9	76·8		·812	·938	·741	·834		75	60	67	73		0·01	7·0	4·0	*c.*	*c.* ↯
28	74·8	77·8	78·8	76·7		·810	·834	·946	·869		82	71	87	84		0·29	8·0	8·5	*Cloudy, r.*	*Cloudy.* ⦶
29	76·0	78·8	76·8	76·8		·838	·874	·819	·846		80	68	69	76		*Nil*	8·0	9·0	*Cloudy.*	*Cloudy.*
30	75·0	78·8	76·8	76·5		·764	·836	·826	·813		68	60	72	70		...	7·0	6·5	*c.*	*c.*
Mean	76·3	79·5	78·0	77·5		·798	·848	·890	·854		68	58	78	72		Total 6.07	7·1	6·3	...	...

MADRAS—JULY 1890.

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·717	29·667	29·638	29·672	81·0	88·6	85·8	83·5	92·2	78·6	13·6	127·9	35·7	77·8	0·8	W by S	W	124	70	194
2	·744	·730	·775	·750	82·2	91·1	83·0	83·3	94·0	75·8	18·2	136·7	42·7	73·0	2·8	W by S	SSW	79	109	188
3	·862	·790	·804	·817	84·4	95·9	81·8	85·2	96·1	77·4	18·7	140·1	44·0	75·6	1·8	W by S	S by E	91	86	177
4	·847	·769	·781	·797	83·8	91·6	83·0	84·0	96·2	78·7	17·5	143·1	46·9	77·2	1·5	SW by S	SE by E	50	81	131
5	·839	·755	·774	·786	84·8	90·6	83·7	84·5	95·8	79·6	16·2	140·6	44·8	78·6	1·0	WSW	ESE	55	77	132
6	·804	·724	·737	·752	84·0	92·9	82·0	84·6	93·8	79·9	13·9	121·4	27·6	79·1	0·8	SW by S	SSW	49	89	138
7	·787	·727	·764	·757	79·8	89·0	82·1	81·4	91·6	73·6	18·0	130·5	38·9	72·1	1·5	SW by S	S	83	59	142
8	·814	·766	·778	·784	81·8	88·0	82·6	82·8	90·0	79·2	10·8	118·5	28·5	78·2	1·0	SW by S	SSW	54	71	125
9	·816	·731	·740	·759	84·0	91·9	83·0	84·4	94·2	78·0	16·2	128·8	34·6	76·2	1·8	SW by W	SW by S	81	71	152
10	·789	·711	·744	·74	85·6	93·0	83·0	85·5	94·4	80·4	14·0	139·5	45·1	79·2	1·2	WSW	SSW	78	104	182
11	·803	·732	·753	·731	84·4	91·4	83·8	84·9	93·2	79·8	13·4	138·9	45·7	79·0	0·8	W by S	S by W	119	88	207
12	·801	·687	·714	·730	84·6	97·9	83·0	86·0	98·9	78·0	20·9	147·2	48·3	76·4	1·6	W by S	S by W	92	87	179
13	·764	·666	·701	·707	85·8	96·9	83·8	86·4	99·2	78·8	20·4	145·5	46·3	78·2	0·6	W	S	83	101	184
14	·792	·693	·710	·729	77·6	90·0	82·2	81·2	92·7	75·4	17·3	140·5	47·8	75·3	0·1	SW by S	SW by S	130	117	247
15	·781	·709	·744	·743	83·4	93·0	82·9	84·1	94·3	75·0	19·3	142·9	48·6	74·1	0·9	W by N	SW by S	54	102	156
16	·792	·699	·701	·728	80·0	91·2	78·8	80·7	94·6	73·1	21·5	139·7	45·1	72·9	0·2	SW	WNW	79	80	159
17	·725	·646	·650	·672	81·0	91·9	81·8	82·8	93·1	73·7	19·4	142·7	47·6	72·9	0·8	SW	SSW	94	96	190
18	·700	·655	·674	·675	82·3	93·1	82·0	84·1	93·1	77·8	15·3	136·5	43·4	76·2	1·6	W by S	SW by S	75	71	146
19	·707	·668	·710	·694	81·8	89·9	80·4	82·4	91·1	76·3	14·8	125·7	34·6	74·4	1·9	W by S	SW by W	83	62	145
20	·751	·661	·658	·687	80·8	85·8	81·8	81·6	87·7	76·5	11·2	118·7	31·0	74·5	2·0	SW	SW by S	67	95	162
21	·717	·640	·670	·674	79·8	89·9	81·6	81·9	91·3	74·3	17·0	139·4	48·1	72·9	1·4	SW by W	SW	64	112	176
22	·718	·636	·719	·688	82·3	93·0	74·1	81·4	93·0	77·1	15·9	143·0	50·0	74·4	2·7	SW	SSW	60	100	160
23	·748	·675	·733	·717	79·8	86·8	81·3	81·2	87·4	74·3	13·1	117·5	30·1	73·4	0·9	SW	S by W	52	76	128
24	·785	·732	·756	·756	81·8	87·9	81·8	82·4	88·9	76·3	12·6	128·7	39·8	74·9	1·4	SW by S	S by W	30	84	114
25	·807	·726	·745	·756	81·8	92·3	82·0	83·4	94·1	75·7	18·4	143·9	49·8	74·4	1·3	SW	S	72	87	159
26	·789	·702	·761	·748	81·8	93·3	78·0	82·3	94·6	75·8	18·8	142·7	48·1	73·4	2·4	SW	S	64	99	163
27	·812	·768	·811	·796	77·0	86·3	76·8	78·4	87·1	72·9	14·2	127·7	40·6	72·1	0·8	SW	SW by S	46	62	108
28	·835	·778	·817	·808	79·8	89·3	80·8	81·4	90·2	73·2	17·0	137·9	47·7	72·4	0·8	WSW	S	70	79	149
29	·813	·755	·780	·781	82·6	90·2	81·8	83·0	93·1	75·9	17·2	137·9	44·8	74·9	1·0	SW by W	SW by S	66	72	138
30	·809	·737	·783	·774	78·4	87·0	78·8	79·8	89·6	75·3	14·3	123·7	34·1	74·2	1·1	SW by W	WSW	33	49	82
31	·813	·751	·791	·783	76·3	85·5	77·8	78·3	87·1	72·4	14·7	128·7	41·6	71·7	0·7	SW by W	WSW	73	94	167
Mean	29·783	29·712	29·739	29·743	81·8	91·1	81·5	82·8	92·7	76·4	16·3	134·7	42·0	75·1	1·3	...	...	72	85	157

Date.	Temperature of Evaporation.					Computed Vapour Tension.					Relative Humidity.					Rainfall, Inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	74·3	77·0	76·8	75·6	Not recorded.	·769	·773	·801	·781		72	57	65	68		*Nil*	10	9·5	*o.*	*o.*
2	72·9	75·8	77·8	75·1		·685	·686	·884	·762		62	47	78	66		...	9	7·5	*Cloudy.*	*Cloudy.*
3	74·0	79·8	77·8	76·8		·700	·801	·900	·809		59	47	83	66		...	1	1	*b.*	*b.*
4	76·2	78·2	79·0	77·4		·803	·785	·938	·852		69	52	83	73		0·03	9	3·5	*Cloudy.*	*c.*
5	75·8	78·2	78·0	76·9		·771	·798	·883	·824		64	55	76	70		*Nil*	6	4·5	*c.*	*c.*
6	75·2	79·8	79·8	77·9		·757	·840	·988	·866		64	55	90	72		0·18	7	6·5	*Cloudy.*	*Cloudy* <
7	76·8	80·0	78·8	78·1		·883	·903	·942	·919		87	56	86	86		*Nil*	10	9·5	*o.*	*o.*
8	75·2	78·0	78·0	76·7		·787	·825	·898	·838		73	62	81	75		...	10	8	*o.*	*Cloudy.*
9	74·8	76·8	77·8	76·1		·740	·719	·884	·790		63	48	78	67		...	5	6·5	*c.*	*Cloudy.*
10	75·0	76·8	79·4	76·7		·727	·704	·957	·802		59	46	85	65		...	5	7	*c.*	*Cloudy* <
11	73·9	75·8	78·8	75·8		·696	·682	·919	·770		59	46	79	64		...	7	7	*Cloudy, t.* ☈	*Cloudy.*
12	74·2	79·0	77·8	76·6		·707	·739	·887	·790		59	41	78	63		...	5	2·5	*c.*	*c.*
13	78·8	80·6	77·8	78·7		·892	·834	·873	·878		72	47	75	70		...	4	5	*c.*	*c.*
14	74·8	78·1	78·8	76·8		·812	·794	·940	·863		87	55	85	81		...	10	6·5	*o.*	*Cloudy* <
15	75·0	78·0	78·8	76·9		·756	·757	·931	·829		65	49	83	71		0·29	9	4·5	*Cloudy*	*r. c.* <
16	76·8	78·8	76·8	77·1		·880	·818	·896	·884		86	56	91	85		0·80	8	7	*Cloudy t. r.* <	*Cloudy* ☈
17	76·0	79·4	79·0	77·7		·831	·836	·955	·883		78	56	89	79		0·08	5	4	*c. t. r.* <	*c.*
18	74·8	79·8	78·8	77·4		·762	·838	·943	·850		69	54	86	93		0·12	8	8·5	*Cloudy.*	*Cloudy.*
19	73·9	76·2	74·8	74·6		·731	·721	·788	·753		67	51	76	68		0·08	9	9	*Cloudy t.*	*Cloudy* <
20	74·8	77·8	77·8	76·4		·783	·846	·900	·841		74	69	83	78		0·42	10	9·5	*o.*	*o. r.* <
21	75·2	77·6	75·3	75·6		·814	·813	·793	·801		80	55	74	74		0·01	9	8·5	*o.*	*Cloudy.*
22	76·6	78·2	74·1	75·9		·846	·766	·843	·822		76	49	100	77		1·83	7	8	*Cloudy.*	*Cloudy.* ☈
23	76·8	78·4	79·1	77·7		·883	·859	·966	·904		87	67	90	85		0·06	10	9	*o.*	*Cloudy.*
24	76·3	76·4	78·8	76·8		·834	·756	·944	·848		77	57	87	77		*Nil*	8	8	*Cloudy.*	*Cloudy.*
25	76·1	77·8	78·1	76·9		·825	·758	·910	·837		76	49	83	73		...	5	5	*c.*	*c. t.* <
26	76·3	77·8	75·8	76·2		·834	·747	·863	·824		77	48	90	75		2·04	5	7	*c.*	< ☈
27	75·0	78·3	75·6	75·9		·843	·862	·871	·862		91	68	94	89		0·47	10	9	*o. r.*	*Cloudy t.* <
28	75·1	77·8	77·3	76·3		·809	·799	·891	·839		79	58	85	78		*Nil*	5	6·5	*c.*	*c.*
29	76·8	77·8	78·0	77·1		·845	·786	·909	·852		76	55	84	75		...	5	5·5	*c.*	*c.*
30	74·8	77·0	77·0	75·9		·815	·794	·905	·844		84	62	92	83		0·89	10	9·5	*o.*	*o. r.*
31	73·9	76·8	73·8	74·4		·805	·805	·781	·799		88	66	82	82		0·03	10	10	*d. o.*	*o.*
Mean	75·4	78·0	77·6	76·6		·794	·788	·896	·833		74	55	84	74		Total 7·33	7·5	6·9	...	...

MADRAS—AUGUST 1890.

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal Minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·819	29·734	29·765	29·770	78·0	86·0	81·0	80·3	88·3	75·7	12·6	139·7	51·4	73·6	2·1	W by S	NW by N	110	53	163
2	·782	·731	·730	·746	80·0	88·5	83·7	82·7	88·7	76·2	12·5	126·8	38·1	72·6	3·6	W by S	W by S	87	38	125
3	·771	·728	·726	·741	80·6	87·7	79·0	81·0	91·1	78·2	12·9	145·0	53·9	77·1	1·1	WSW	SW	73	30	103
4	·793	·718	·742	·749	79·9	88·3	81·0	81·5	90·2	75·6	14·6	138·6	48·4	74·3	1·3	W by S	NW by W	51	48	99
5	·745	·672	·703	·705	79·7	90·0	81·3	82·0	91·2	75·8	15·4	130·5	39·3	75·1	0·7	WSW	W by N	87	54	141
6	·735	·673	·695	·699	79·5	87·4	78·8	80·7	89·3	78·8	10·5	123·3	34·0	75·3	3·5	WSW	W by S	83	76	159
7	·751	·687	·714	·715	81·0	90·1	82·8	83·0	91·2	76·7	14·5	143·8	52·6	75·9	0·8	SW	WSW	83	52	135
8	·804	·698	·715	·736	84·2	91·3	84·7	85·1	94·7	80·2	14·5	141·9	47·2	79·1	1·1	W by S	SW	77	54	131
9	·786	·681	·714	·724	81·2	92·5	82·8	84·0	94·2	80·2	14·0	143·0	48·8	79·4	0·8	WSW	S by E	73	87	160
10	·773	·706	·763	·745	79·4	92·0	80·9	82·2	94·2	77·0	17·2	133·0	38·8	75·6	1·4	SW	SW by W	77	72	149
11	·805	·738	·758	·765	82·4	92·9	82·3	84·1	94·7	78·1	16·6	142·3	47·6	77·0	1·1	SW	S by W	70	114	184
12	·828	·745	·752	·772	83·9	86·5	81·6	82·5	92·0	78·0	14·0	126·1	34·1	76·6	1·4	W by S	SE by S	39	53	92
13	·804	·691	·738	·741	85·1	89·4	82·9	84·1	93·8	78·1	15·7	142·0	48·2	76·5	1·6	SW by W	SE by E	67	89	156
14	·775	·709	·736	·738	80·3	85·6	82·0	81·1	87·7	74·3	13·4	112·1	24·4	73·5	0·8	W by N	WSW	81	55	136
15	·814	·752	·781	·780	78·6	87·9	81·2	81·3	88·8	77·1	11·7	135·0	46·2	75·2	1·9	WSW	NE	77	41	118
16	·838	·767	·765	·788	74·9	77·1	78·0	75·9	79·2	76·2	3·0	91·4	12·2	71·9	4·3	W by S	W by N	35	36	71
17	·809	·751	·775	·776	79·1	84·6	80·1	79·6	89·1	74·0	15·1	146·0	56·9	70·7	3·3	W by N	SE	96	49	145
18	·823	·752	·747	·772	80·0	86·8	80·0	81·0	87·2	75·8	11·4	123·0	35·8	74·4	1·4	SW by W	WNW	92	26	118
19	·808	·778	·816	·800	79·4	86·8	78·6	80·6	87·2	77·9	9·3	115·5	28·3	76·4	1·5	SW	NW by N	74	45	119
20	·866	·821	·814	·833	80·3	77·4	80·9	77·7	91·0	74·7	16·3	145·1	54·1	73·9	0·8	N by W	SE by E	20	64	84
21	·874	·779	·811	·818	80·7	87·9	81·6	82·0	91·1	78·8	12·3	147·1	56·0	78·1	0·7	SSW	S by E	43	60	103
22	·887	·829	·813	·841	79·6	78·8	78·8	78·1	86·1	76·9	9·2	144·2	58·1	76·6	0·3	SSW	W by S	79	28	107
23	·875	·784	·822	·824	81·4	85·8	81·3	81·0	92·2	75·4	16·8	149·1	56·9	74·0	1·4	SW	S by E	40	55	95
24	·885	·786	·815	·826	79·9	90·4	80·5	81·3	95·0	74·0	21·0	152·2	57·2	73·7	0·3	SW by W	S by W	78	46	134
25	·832	·742	·778	·781	83·7	84·6	78·8	80·5	94·4	77·0	17·4	150·2	55·8	75·9	1·1	WSW	SSE	60	49	109
26	·834	·745	·880	·817	81·4	88·1	81·0	81·8	91·5	75·9	15·6	136·9	45·4	75·2	0·7	SSW	ESE	44	61	105
27	·833	·723	·769	·772	78·9	88·7	80·4	80·4	90·4	76·0	20·9	144·1	53·7	75·3	0·7	W by S	S by E	77	46	123
28	·830	·750	·796	·790	81·7	88·9	83·0	82·7	93·4	76·6	16·8	143·1	49·7	74·9	1·7	SSW	S	29	71	100
29	·833	·753	·779	·786	85·2	87·9	82·3	83·2	93·7	76·2	17·5	148·0	54·3	75·2	1·0	SW by W	SW by S	60	52	112
30	·814	·747	·805	·787	83·6	88·4	82·6	83·5	89·3	76·7	12·6	133·0	43·7	76·4	0·3	WSW	NW	94	38	132
31	·822	·748	·807	·789	82·6	89·7	80·8	82·6	93·6	77·1	16·5	147·2	53·6	76·5	0·6	W	SE	51	73	124
Mean	29·814	29·739	29·769	29·772	80·8	87·4	81·1	81·5	90·8	76·7	14·3	136·7	45·9	75·4	1·4	...	...	68	56	124

Date.	Temperature of Evaporation.					Computed Vapour Tension.					Relative Humidity.					Rain-fall, inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	72·0	74·8	74·9	73·5	Not recorded.	·706	·912	·785	·736		74	58	74	71		*Nil*	10	9	*o.*	*o.*
2	73·0	77·8	76·5	75·4		·719	·841	·815	·783		70	60	71	70		...	10	9·5	*o.*	*o.*
3	75·1	77·5	76·8	76·1		·798	·807	·893	·835		76	62	90	78		0·07	9	9	*Cloudy.*	*Cloudy.*
4	75·8	76·8	76·6	76·0		·838	·768	·857	·824		82	57	81	77		0·21	10	8·5	*o.*	*Cloudy* <
5	74·7	76·1	76·9	75·5		·794	·714	·866	·797		78	50	81	73		*Nil*	9	8·5	*Cloudy.*	*Cloudy.*
6	75·3	76·8	76·3	75·7		·901	·780	·874	·822		81	60	89	78		0·04	10	9	*o.*	*Cloudy.*
7	75·9	78·4	73·7	75·6		·827	·815	·711	·785		78	57	62	69		*Nil*	6	7	*c.*	*c.*
8	75·8	78·8	76·3	76·6		·780	·817	·794	·802		68	56	66	66		...	7	8	*Cloudy.*	*Cloudy.*
9	76·6	78·2	77·6	77·1		·855	·773	·878	·694		81	50	78	59		...	8	8	*Cloudy.*	*Cloudy.*
10	76·6	78·7	77·8	77·3		·879	·802	·920	·872		82	53	87	79		0·04	9	9	*Cloudy.*	*Cloudy.*
11	75·9	77·8	77·6	76·7		·808	·750	·855	·820		73	49	80	70		*Nil*	9	5	*Cloudy.*	*c.*
12	77·0	78·8	77·7	77·4		·836	·885	·898	·874		72	70	83	79		...	5	7·5	*c.*	*Cloudy.*
13	77·2	78·8	78·4	77·7		·828	·842	·912	·866		68	61	81	74		...	5	5·5	*c.*	*c.*
14	75·6	77·0	75·2	75·5		·823	·813	·784	·809		79	66	72	77		0·27	9	9·5	*Cloudy. r.*	*Cloudy.*
15	74·5	77·0	76·9	75·7		·801	·781	·868	·815		82	59	82	77		*Nil*	10	9·5	*o.*	*o.*
16	71·1	73·6	73·3	72·3		·712	·783	·758	·746		82	84	79	80		0·10	10	9·5	*l. r.*	*o.*
17	74·8	78·7	75·9	76·1		·806	·902	·839	·854		81	75	81	84		0·08	9	9	*Cloudy.*	*Cloudy.*
18	75·7	75·9	76·0	75·5		·832	·748	·845	·810		81	58	82	77		*Nil*	9	9	*Cloudy.*	*Cloudy.*
19	75·8	77·2	74·9	75·6		·843	·806	·816	·758		85	63	83	75		0·01	10	9·5	*o.*	*Cloudy.*
20	75·6	76·0	77·6	76·0		·823	·880	·904	·876		79	93	86	92		1·09	9	7	*Cloudy.*	*Cloudy r.*
21	77·4	80·1	77·0	77·8		·897	·924	·869	·897		86	71	81	82		*Nil*	6	6·5	*c.*	*c.*
22	76·5	76·6	76·7	76·2		·873	·887	·890	·879		87	90	91	91		0·09	9	8	*Cloudy.*	*Cloudy.*
23	77·6	80·6	77·0	78·0		·897	·975	·871	·920		84	79	83	87		*Nil*	7	4·5	*Cloudy.*	*c. t.* <
24	75·4	79·6	75·7	76·5		·821	·866	·825	·849		80	61	79	80		...	5	5·5	*c.* <	*c. t.* <
25	78·5	78·0	76·3	77·2		·858	·871	·885	·891		67	74	93	85		0·18	5	6·5	*c.*	*c.*
26	77·3	79·9	78·4	78·1		·883	·911	·939	·913		83	69	89	85		*Nil*	6	5	*c.*	*c.* <
27	74·7	79·7	76·2	76·5		·804	·900	·848	·861		81	66	81	82		0·03	7	4	*Cloudy.*	*c.*
28	77·0	79·1	77·9	77·6		·866	·863	·889	·880		80	63	79	79		*Nil*	6	3·5	*c.*	*c.*
29	77·7	80·1	77·7	78·1		·850	·923	·889	·895		70	70	81	79		...	2	4	*b.*	*c. t.* <
30	78·7	77·7	76·5	77·2		·917	·806	·832	·806		80	60	75	70		...	6	8	*c.*	*Cloudy.*
31	76·7	78·4	76·1	76·7		·840	·820	·838	·840		75	60	79	75		...	8	9	*Cloudy.*	*Cloudy* <
Mean	75·9	77·9	76·5	76·4		·830	·838	·853	·833		78	65	81	77		Total 2·21	7·7	7·5	...	...

MADRAS—SEPTEMBER 1890.

Date.	Barometer reduced to 32°.				Temperature of air.							Temperature of radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, sun and shade.	Nocturnal minimum on ground.	Difference, shade and radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·842	29·763	29·816	29·805	79·3	89·5	82·6	81·8	94·8	76·2	18·6	153·0	58·2	76·2	0·0	SW	SE	63	72	135
2	·854	·773	·826	·816	83·3	91·0	79·8	82·7	95·2	76·7	18·5	147·0	51·8	76·1	0·6	SW by S	S	48	39	87
3	·890	·765	·933	·851	75·4	87·2	80·8	79·4	89·3	73·7	15·6	136·1	46·8	73·7	0	SW by W	SW by S	47	35	82
4	·822	·720	·750	·761	78·8	91·6	83·0	82·3	94·6	75·0	19·6	140·7	46·1	74·1	0·9	SW	SE by S	85	60	145
5	·780	·699	·736	·736	80·9	90·2	81·8	82·1	93·0	72·9	20·1	146·8	53·8	71·8	1·1	W by N	S by E	59	39	98
6	·748	·653	·698	·697	80·8	90·7	79·9	82·0	92·9	76·7	16·2	Not recorded.	?	76·3	0·4	SSW	W by 8	17	45	62
7	·739	·670	·682	·695	80·8	85·8	80·7	81·5	86·2	78·0	8·2	129·6	43·4	77·4	0·6	W by S	WSW	26	18	44
8	·734	·654	·680	·687	76·8	83·1	79·3	78·8	84·2	76·0	8·2	Not recorded.	?	75·3	0·7	W by S	W	30	19	49
9	·708	·631	·686	·672	82·3	89·3	77·6	81·5	91·0	76·3	14·7	130·4	39·4	75·9	0·4	SW	SSW	46	53	99
10	·708	·651	·699	·684	79·9	85·5	77·8	79·4	91·5	75·9	15·6	147·1	55·6	74·3	1·6	SW by W	SSW	47	43	90
11	·731	·667	·696	·696	79·8	88·9	82·8	82·0	91·1	75·0	16·1	141·6	50·5	73·3	1·7	W by S	S	78	49	127
12	·755	·693	·706	·715	79·0	86·8	81·3	80·8	89·0	74·9	14·1	143·1	54·1	73·1	1·8	WSW	SW by S	73	67	140
13	·760	·700	·745	·733	82·5	89·1	82·8	83·2	92·4	77·3	15·1	146·4	54·0	75·0	2·3	SW by W	S by W	63	77	140
14	·815	·723	·729	·752	76·9	86·0	82·3	80·5	86·6	75·7	10·9	126·0	39·4	73·1	2·6	W	SW by S	77	45	122
15	·775	·687	·715	·722	79·4	88·3	82·9	82·2	90·5	78·7	11·8	143·5	43·0	76·5	2·2	SW by W	SW by S	73	88	161
16	·771	·683	·706	·716	81·8	89·5	82·3	83·1	90·3	77·3	13·0	147·1	48·8	75·6	1·7	SW by W	SW by W	83	57	140
17	·784	·723	·747	·749	81·9	87·0	80·8	82·2	88·7	79·3	9·4	123·9	35·2	78·1	1·2	WSW	WNW	79	40	119
18	·800	·730	·749	·757	81·0	88·9	81·9	82·6	90·0	78·5	11·5	126·5	36·5	76·8	1·7	W by S	SSW	65	71	136
19	·803	·717	·766	·759	84·4	90·1	81·8	83·9	91·8	77·8	14·0	138·2	46·4	75·9	1·9	SW	SSW	97	108	205
20	·839	·730	·768	·775	82·8	91·9	82·8	84·0	93·8	77·1	16·7	144·7	50·9	75·3	1·8	SW by W	SW by S	105	109	214
21	·835	·701	·747	·756	80·9	94·1	85·5	84·9	95·4	78·1	17·3	145·5	50·1	76·8	1·3	WSW	W by N	106	64	170
22	·789	·696	·763	·745	82·8	91·0	83·0	84·3	92·7	80·5	12·2	142·8	50·1	Not recorded.	?	WNW	NW by W	99	103	202
23	·816	·707	·777	·763	77·9	90·9	82·3	82·0	91·4	76·4	15·0	146·3	54·9	”	?	WNW	W by N	80	42	122
24	·828	·702	·757	·757	85·2	95·0	83·4	85·8	97·7	80·3	17·4	149·8	52·1	79·0	1·3	SW by W	SSE	82	72	154
25	·820	·705	·757	·756	84·6	92·2	82·8	84·5	95·9	79·3	16·6	147·6	51·7	77·5	1·8	WSW	SE	93	80	173
26	·827	·727	·793	·778	85·0	90·0	82·8	83·7	96·6	78·4	18·2	153·8	57·2	76·8	1·6	WSW	SE	85	89	174
27	·863	·770	·826	·816	84·9	91·9	82·8	84·5	95·0	78·0	17·0	153·0	58·0	76·0	2·0	SW by W	ESE	70	92	162
28	·882	·785	·825	·827	77·9	92·1	82·8	82·0	94·8	75·4	19·4	150·0	55·2	73·7	1·7	WSW	SSW	60	81	141
29	·867	·785	·818	·820	85·3	88·1	82·4	83·6	92·3	78·1	14·2	150·9	58·6	75·9	2·2	S by W	E by N	51	57	108
30	·861	·766	·832	·816	83·6	83·6	77·6	79·6	92·1	75·7	16·4	147·0	54·9	74·6	1·1	SSW	SSE	57	49	106
Mean	29·802	29·713	29·758	29·754	81·2	89·3	81·7	82·4	92·0	77·0	15·0	142·8	49·9	75·5	1·4	...	...	68	62	130

DATE.	TEMPERATURE OF EVAPORATION.					COMPUTED VAPOUR TENSION.					RELATIVE HUMIDITY.					Rain-fall, inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	8 hours.	14 hours.	20 hours.	Mean.	Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	76·1	79·2	79·2	77·9	Not recorded.	·859	·860	·953	·904		86	62	85	83		*Nil*	10	4	*o.*	*c.*
2	77·2	80·8	76·8	78·0		·853	·914	·883	·897		75	60	87	80		...	4	3·5	*c.*	*c.*
3	74·7	80·1	79·6	77·8		·852	·933	·996	·933		97	72	95	93		0·61	10	3·5	*o. t.* <	*c.*
4	76·3	79·8	80·2	78·5		·874	·850	·995	·925		89	58	88	83		0·01	10	3·5	*o. t.*	*c. t.* <
5	77·6	80·6	79·8	79·0		·904	·916	·992	·951		86	65	91	86		0·02	7	6	*Cloudy.*	*c.*
6	76·0	82·0	78·1	78·4		·834	·975	·939	·925		79	68	92	84		0·02	7	6·5	*Cloudy.*	*c.*
7	76·7	77·2	76·8	76·6		·865	·819	·870	·851		83	66	83	79		*Nil*	9	9	*Cloudy t.*	*Cloudy.*
8	75·9	78·0	77·1	76·7		·884	·892	·902	·892		95	79	90	90		0·19	10	9·5	*o. r. t.* <	*o.*
9	78·2	80·8	76·8	78·3		·911	·937	·912	·927		83	70	96	86		0·86	6	7·5	*c.*	*Cloudy r.*
10	75·8	77·8	76·5	77·1		·838	·941	8 7	·901		82	77	94	90		0·43	7	7	*Cloudy t.*	*Cloudy* <
11	76·1	78·2	79·8	77·7		·852	·821	·978	·883		84	60	87	81		*Nil*	9	8	*Cloudy.*	*Cloudy.*
12	76·1	77·6	78·0	76·9		·862	·878	·916	·873		87	78	86	83		0·10	10	8	*t. d. o.* <	*Cloudy.*
13	76·2	78·8	78·8	77·6		·820	·847	·932	·873		74	62	83	77		*Nil*	6	6	*c.*	*c.* <
14	74·1	77·0	77·8	76·8		·806	·807	·843	·838		87	65	68	80		0·15	10	10	*t. o.*	*o.*
15	73·9	78·2	79·1	76·8		·764	·830	·944	·850		76	62	84	77		*Nil*	9	7	*Cloudy.*	*Cloudy.*
16	74·9	77·8	77·9	76·6		·773	·796	·897	·829		71	57	81	73		...	7	6	*Cloudy.*	*c.*
17	75·4	75·6	77·0	75·7		·794	·733	·878	·802		73	57	84	73		...	9	9	*Cloudy.*	*Cloudy.*
18	74·8	78·5	77·8	76·7		·780	·835	·899	·840		74	61	83	75		...	9	8	*Cloudy.*	*Cloudy.*
19	75·3	77·4	78·1	76·6		·835	·749	·913	·818		64	55	84	71		...	6	5·5	*c.*	*c.*
20	74·8	77·0	78·3	76·4		·756	·727	·909	·809		67	49	81	69		...	5	3·5	*c.*	*c.*
21	71·2	77·6	77·8	75·2		·635	·725	·850	·745		60	45	69	68		...	8	6·5	*Cloudy.*	*Cloudy.*
22	74·9	75·6	73·1	74·1		·759	·678	·656	·706		67	46	60	60		...	9	8·5	*Cloudy.*	*Cloudy.*
23	74·1	78·0	76·2	75·7		·793	·785	·823	·805		83	54	75	73		0·01	10	8	*o.*	*Cloudy.*
24	75·9	78·8	80·0	77·8		·770	·767	·979	·846		63	46	85	68		*Nil*	8	5·5	*Cloudy.*	*c.*
25	72·4	78·8	76·8	75·6		·632	·805	·842	·766		53	53	75	64		...	5	3·5	*c.*	*c.*
26	73·9	76·8	78·0	75·7		·689	·744	·895	·782		58	52	80	68		...	3	4·5	*c.*	*c.*
27	75·3	79·3	77·8	77·1		·749	·832	·887	·832		62	56	79	70		...	4	5	*c.*	*c.*
28	76·7	79·1	79·6	78·1		·904	·819	·969	·910		94	54	86	83		0·02	8	6	*Cloudy.*	*c.*
29	79·2	80·4	79·3	79·2		·917	·935	·961	·939		76	70	87	81		*Nil*	3	6	*c.*	*c.*
30	76·8	80·4	74·8	76·9		·831	·996	·826	·890		72	96	87	88		0·17	4	5	*c.*	*c.* <
Mean	75·6	78·6	77·9	77·0	...	·813	·838	·905	·858	...	77	62	84	78	...	Total 2·59	7·4	6·3	...	...

MADRAS—OCTOBER 1890.

DATE.	BAROMETER REDUCED TO 32°.				TEMPERATURE OF AIR.							TEMPERATURE OF RADIATION.				WIND.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·865	29·800	29·839	29·832	83·3	88·9	81·8	82·8	91·2	75·2	16·0	145·8	54·6	73·8	1·4	SW by S	ESE	25	65	90
2	·903	·820	·859	·857	80·9	88·5	80·6	81·3	92·0	75·5	16·5	153·7	61·7	73·9	1·6	SW by S	SSE	41	65	106
3	·882	·781	·805	·818	83·0	89·3	1·8	82·7	93·3	76·8	16·5	148·6	55·3	74·8	2·0	S by W	SE	36	62	98
4	·820	·741	·773	·774	85·0	88·7	81·8	83·2	93·0	76·5	16·5	150·7	57·7	74·9	1·6	SSW	SE by E	43	40	83
5	·811	·732	·777	·769	83·0	88·7	81·4	82·4	92·8	76·0	16·8	149·4	56·6	74·8	1·2	SSW	SE	52	43	95
6	·864	·755	·837	·813	77·3	86·8	75·8	78·4	89·4	76·0	13·4	137·6	48·2	74·3	1·7	W by S	WSW	24	31	55
7	·865	·805	·837	·831	79·8	79·2	75·9	76·8	87·1	74·8	12·3	144·4	57·3	73·5	1·3	NW	SW	26	41	67
8	·825	·747	·781	·780	76·8	88·7	79·8	79·4	91·8	71·7	20·1	142·2	50·4	69·1	2·6	W by N	NE by N	31	38	69
9	·786	·727	·761	·755	79·8	85·9	79·4	80·3	87·4	75·6	11·8	121·2	33·8	74·1	1·5	N by W	N by W	39	32	71
10	·777	·681	·741	·728	78·2	81·6	79·4	79·1	82·0	77·3	4·7	98·0	16·0	75·8	1·5	Calm	NNW	26	49	75
11	·736	·676	·720	·708	79·2	88·9	80·1	81·0	89·0	75·2	13·8	126·1	37·1	73·1	2·1	W by S	NW	21	40	61
12	·783	·696	·747	·737	83·8	94·7	83·1	85·0	96·2	77·6	18·6	144·7	48·5	75·9	1·7	W	SSW	90	127	217
13	·811	·737	·778	·771	84·8	93·1	83·5	85·1	94·5	77·5	17·0	145·8	51·3	76·4	1·1	SW	SW by S	112	106	218
14	·809	·744	·795	·780	80·3	92·0	82·8	83·2	96·2	77·4	15·2	141·6	45·4	76·6	0·8	SW by S	SW by W	96	62	158
15	·837	·792	·849	·824	82·9	86·8	76·6	79·6	95·6	75·0	20·6	148·1	52·5	73·2	1·8	SW by S	NW by N	56	37	93
16	·908	·846	·900	·881	82·5	92·7	79·1	82·0	94·6	71·0	23·6	146·5	51·9	68·7	2·3	N by W	NE	25	72	97
17	·974	·870	30·029	·951	83·3	91·2	80·8	82·8	92·3	73·0	19·3	146·2	53·9	70·6	2·4	N by E	NE by N	38	84	122
18	·949	·826	29·903	·885	81·6	90·0	79·0	81·4	90·9	73·3	17·6	145·9	55·0	71·3	2·0	ESE	NE	32	70	102
19	·924	·859	·904	·892	82·0	89·0	79·4	81·0	91·6	71·5	20·1	144·3	52·7	68·3	3·2	NW by W	E	18	50	68
20	·948	·874	·939	·915	82·6	92·7	80·8	82·6	95·2	71·4	23·8	147·9	52·7	68·8	2·6	E by N	ENE	17	67	84
21	·971	·881	·936	·923	82·1	92·6	79·3	81·9	94·6	71·5	23·1	148·0	53·4	68·4	3·1	E by N	ENE	32	90	122
22	·946	·877	·914	·907	82·0	87·8	81·8	81·6	90·9	71·3	19·6	136·7	45·8	69·0	2·3	N by W	NNE	52	106	158
23	·932	·888	·919	·910	83·8	86·2	79·8	81·2	92·1	75·0	17·1	152·7	60·6	73·2	1·8	N by E	NE	41	63	104
24	·913	·854	·912	·890	83·2	93·2	83·0	84·1	93·9	73·5	20·4	146·2	52·3	70·8	2·7	Calm	NE by N	59	132	191
25	·936	·885	·917	·910	83·2	89·5	82·4	83·3	91·6	77·3	14·3	145·5	53·9	75·7	1·6	NE by N	NE by N	72	119	191
26	·933	·885	·923	·911	82·7	78·7	78·0	78·7	85·7	76·7	9·0	120·9	35·2	75·2	1·5	NNE	Calm	51	46	97
27	·922	·857	·932	·900	80·6	88·0	73·8	78·9	91·1	74·9	16·2	144·9	53·8	74·0	0·9	N by E	ENE	60	61	121
28	·941	·854	·922	·900	83·3	85·9	80·8	81·5	88·6	73·2	15·4	143·2	54·6	73·2	0·0	NE by N	ENE	42	90	132
29	·934	·821	·895	·874	75·4	87·9	77·8	78·6	88·3	73·2	15·1	143·3	55·0	72·3	0·9	W by N	NE by E	13	37	50
30	·892	·794	·850	·839	77·4	87·3	79·4	79·7	88·7	74·4	14·3	144·9	56·2	73·3	1·1	Calm	ENE	23	42	65
31	·864	·785	·867	·834	78·0	81·8	75·4	77·0	85·9	74·2	11·7	132·1	46·2	73·7	0·5	N by E	NNE	34	33	67
Mean.	29·879	29·803	29·857	29·842	81·3	88·3	79·8	81·2	91·1	74·6	16·5	141·5	50·4	72·9	1·7	...	...	43	64	107

DATE.	TEMPERATURE OF EVAPORATION.					COMPUTED VAPOUR TENSION.					RELATIVE HUMIDITY.					Rain-fall, Inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	8 hours.	14 hours.	20 hours.	Mean.	Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.	8 hours.	14 hours.	20 hours.	Mean.	From Mini-mum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	78·1	81·8	78·1	78·9	Not recorded.	·893	·991	·913	·969		78	93	84	83		*Nil*	3	3	*c.*	*c.* <
2	76·5	81·0	77·9	78·1		·854	·958	·922	·918		81	71	88	86		0·03	7	4	*Cloudy.*	*c.*
3	77·6	82·6	79·8	79·6		·875	1·025	·992	·971		77	74	91	87		*Nil*	4	4	*c*	*c.* <
4	78·6	81·7	78·8	79·4		·886	·997	·946	·954		74	74	87	84		...	2	3	*c.*	*c. t.* <
5	76·9	81·0	80·5	79·0		·839	·955	1·030	·945		74	70	96	85		0·06	5	6	*c.*	*c. t.* <
6	76·9	80·6	75·4	77·2		·921	·963	·876	·919		98	73	98	94		0·35	8	8	*Cloudy* <	*Cloudy r. t.* <
7	77·7	77·0	75·0	76·2		·923	·899	·857	·898		91	90	95	98		0·11	9	9·5	*Cloudy.*	*Cloudy t.* <
8	74·2	78·4	75·8	75·7		·812	·835	·839	·841		88	62	82	84		*Nil*	9	7	*Cloudy.*	*Cloudy.*
9	76·1	76·2	77·8	76·2		·852	·745	·933	·850		84	62	93	82		...	7	10	*Cloudy.*	*o.*
10	75·9	77·0	76·8	76·1		·866	·867	·888	·861		90	81	89	87		...	10	10	*o.*	*o.*
11	76·8	78·0	75·6	76·3		·890	·812	·826	·844		89	59	80	79		...	10	9	*o.*	*Cloudy.*
12	74·0	80·9	78·3	77·2		·709	·869	·905	·830		61	53	80	69		...	6	2	*c.*	*b.* <
13	77·0	78·9	78·8	77·7		·824	·797	·923	·851		69	51	80	70		...	7	6	*Cloudy.*	*c.*
14	76·4	78·4	78·8	77·4		·858	·790	·932	·863		82	52	83	76		...	8	7·5	*Cloudy.*	*Cloudy* <
15	77·0	74·9	74·8	75·1		·819	·705	·839	·812		75	55	92	80		0·10	5	5	*c.*	*c. t.*
16	75·0	77·4	74·9	75·3		·768	·734	·810	·788		69	47	81	72		*Nil*	3	3	*c.*	*c.*
17	77·7	80·0	75·7	77·3		·876	·874	·821	·864		77	60	78	77		0·09	3	3	*c.*	*c.*
18	76·0	78·6	76·0	76·4		·824	·825	·858	·843		77	58	87	78		*Nil*	1	3	*b.*	*c.*
19	76·6	79·0	75·0	76·4		·845	·857	·810	·849		77	63	80	80		...	1	0·5	*b.*	*b.*
20	76·8	74·0	75·8	75·0		·845	·589	·825	·767		76	39	78	69		...	1	1	*b.*	*b.*
21	75·8	74·8	73·9	74·3		·808	·623	·766	·747		74	41	76	69		...	1	0	*b.*	*b.*
22	74·7	75·0	74·9	74·4		·763	·697	·774	·755		70	53	71	70		...	4	8	*c.*	*Cloudy.*
23	76·3	76·4	75·8	75·7		·807	·779	·841	·816		69	64	82	77		...	5	6	*c.*	*c.*
24	76·1	78·8	77·3	76·9		·806	·821	·861	·829		71	50	76	71		...	2	6	*b.*	*c.*
25	79·4	80·6	78·2	78·9		·954	·924	·909	·929		84	66	82	81		0·02	7	5	*c.*	*c.*
26	76·6	76·2	76·0	75·8		·835	·871	·872	·853		75	89	91	87		0·03	10	9·5	*o.*	*o. t.* <
27	77·4	79·0	73·1	76·0		·898	·871	·807	·859		86	66	97	87		2·25	9	7·5	*Cloudy.*	*Cloudy.* <
28	78·4	79·2	77·6	78·0		·907	·909	·905	·913		79	·73	86	85		0·31	8	6·5	*Cloudy.*	*c.* <
29	74·8	78·8	76·6	76·3		·856	·863	·901	·877		98	66	94	90		*Nil*	9	5	*Cloudy t.* <	*c.* <
30	76·0	79·8	77·6	77·4		·880	·917	·924	·910		93	71	92	90		0·03	8	5·5	*Cloudy.*	*c. t.* <
31	76·6	78·0	72·8	75·4		·908	·909	·774	·859		95	84	88	92		0·79	7	8	*c. r.*	*Cloudy* <
Mean	76·6	78·5	76·6	76·8	...	·852	·847	·874	·864	...	80	64	86	81	...	Total 4·17	5·8	5·5	...	...

MADRAS—NOVEMBER 1890.

DATE.	BAROMETER REDUCED TO 32°.				TEMPERATURE OF AIR.							TEMPERATURE OF RADIATION.				WIND.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·882	29·783	29·842	29·828	80·0	85·8	80·2	80·4	87·5	74·3	13·2	143·5	56·0	73·0	1·3	W by S	NE by E	11	63	74
2	·852	·780	·851	·822	80·4	85·6	80·3	80·7	86·6	74·9	11·7	139·3	52·7	73·6	1·3	SSE	ENE	15	60	75
3	·888	·792	·893	·850	79·8	86·6	80·6	80·8	87·9	75·1	12·8	144·3	56·4	74·1	1·0	E by N	E by N	18	50	68
4	·933	·867	·919	·901	76·0	79·3	77·6	77·0	80·2	74·9	5·3	98·5	18·3	73·9	1·0	NE by N	NNE	31	67	98
5	·920	·827	·881	·869	73·7	78·8	77·2	75·7	80·3	72·9	7·4	124·0	43·7	72·7	0·2	NNW	N by W	83	65	148
6	·874	·807	·863	·843	76·0	82·3	77·8	77·8	83·4	74·9	8·5	131·9	48·5	73·8	1·1	NNW	NW by N	31	20	51
7	·911	·843	·917	·885	78·0	82·8	77·8	78·5	84·4	75·9	8·5	136·6	52·2	74·9	1·0	S by W	SE by S	11	42	53
8	30·008	·923	·976	·962	82·0	84·6	79·9	80·8	87·2	74·2	13·0	141·5	54·3	72·6	1·6	SE by S	E by S	15	51	66
9	.037	·947	·984	·982	80·6	87·6	80·0	81·2	88·1	74·3	13·8	142·7	54·6	72·9	1·4	NE by E	NE by N	30	70	100
10	29·988	·901	·959	·944	78·3	87·0	79·0	80·0	87·6	74·8	12·8	140·8	53·2	72·5	2·3	NE by N	NE by N	32	66	98
11	·969	·890	·951	·932	81·6	86·6	78·9	80·8	88·4	73·8	14·6	144·1	55·7	71·3	2·5	NE	ENE	26	41	67
12	·978	·902	·944	·935	79·4	84·8	80·6	80·1	88·6	75·4	13·2	146·2	57·6	74·6	0·8	NE by N	NE	47	73	120
13	·974	·923	·982	·956	84·6	85·8	79·0	81·6	88·2	74·9	13·3	145·1	56·9	72·6	2·3	ENE	ENE	54	78	132
14	30·009	·955	30·003	·985	80·0	85·8	77·0	79·1	87·2	70·9	16·3	140·0	52·8	68·1	2·8	NE	NE by N	50	87	137
15	·003	·936	29·991	·972	79·0	85·4	75·8	78·1	87·3	69·2	18·1	145·7	58·4	65·6	3·6	NNE	NNE	42	70	112
16	·018	·960	30·024	·996	77·8	84·7	74·4	77·1	87·3	69·9	17·4	144·7	57·4	66·9	3·0	N by E	NE by N	38	73	111
17	·014	·967	·025	·998	74·7	85·4	74·0	76·3	86·7	71·6	15·1	143·8	57·1	68·8	2·8	N by E	NNE	56	84	140
18	·037	·980	·038	30·013	74·8	83·4	75·4	75·9	87·2	68·5	18·7	146·1	58·9	65·8	2·7	Calm	NNE	41	96	137
19	·066	·996	·015	·020	76·8	84·4	76·6	77·2	86·0	68·1	17·9	142·2	56·2	65·2	2·9	Calm	N by E	47	83	130
20	·072	·974	·039	·020	74·7	84·8	71·6	74·9	86·8	67·6	19·2	144·5	57·7	64·3	3·3	Calm	NNE	25	62	87
21	·064	·985	·036	·022	76·7	81·9	76·8	76·4	85·9	67·2	18·7	146·1	60·2	64·3	2·9	Calm	Calm	58	101	159
22	·065	·992	·050	·030	75·8	83·8	78·6	78·2	85·5	74·4	11·1	141·1	55·6	72·9	1·5	Calm	NNE	95	125	220
23	·084	30·007	·061	·045	75·2	84·8	78·9	78·0	86·0	71·4	14·6	140·4	54·4	69·3	2·1	N by E	NNE	81	134	215
24	·058	29·985	·044	·023	75·8	82·9	76·2	76·7	85·5	71·1	14·4	138·1	52·6	69·7	1·4	N by E	NNE	85	119	204
25	·033	·947	·011	29·990	76·8	82·6	79·4	78·1	84·4	71·2	13·2	132·1	47·7	70·6	0·6	Calm	NE by N	85	145	230
26	29·986	·924	·001	·965	77·4	84·8	75·8	77·6	86·2	70·9	15·3	141·1	54·9	68·8	2·1	NNE	NNE	85	109	194
27	30·008	·920	29·988	·965	75·6	83·8	74·9	76·2	86·2	68·7	17·5	141·9	55·7	66·8	1·9	Calm	N by E	71	112	183
28	29·984	·939	·994	·968	74·6	79·8	77·8	76·5	80·2	72·0	8·2	96·5	16·3	71·8	0·2	N by W	NNE	73	89	162
29	30·013	·944	·979	·973	76·5	81·8	75·6	76·6	84·9	71·8	13·1	135·3	50·4	70·8	1·0	N by W	N by W	91	96	187
30	29·991	·893	·928	·929	76·8	82·6	75·8	77·1	82·9	71·4	11·5	136·8	53·9	70·5	0·9	N by W	N by W	89	128	217
Mean	29·991	29·916	29·973	29·954	77·6	84·0	77·5	78·2	85·8	72·2	13·6	137·8	52·0	70·4	1·8	...	...	51	82	133

DATE.	TEMPERATURE OF EVAPORATION.					COMPUTED VAPOUR TENSION.*					RELATIVE HUMIDITY.					Rain-fall, inches.	CLOUD.		CLOUD AND WEATHER INITIALS.	
	8 hours.	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	77·1	78·0	77·3	77·1	Not recorded.	·893	·855	·900	·888		87	69	87	86		0·06	8	6	*c.* <	*c.*
2	77·3	79·0	77·0	77·4		·897	·903	·885	·897		87	74	86	86		0·10	7	8	...	*Cloudy* <
3	77·0	78·8	77·6	77·4		·892	·881	·908	·795		88	69	87	85		0·66	6	7	*o.*	*Cloudy t.* <
4	75·2	75·8	75·0	74·9		·865	·846	·835	·839		96	85	88	91		0·36	10	10	*o.*	*o.*
5	73·7	75·8	76·1	74·8		·833	·852	·888	·852		100	87	95	96		1·32	10	9·5	*o. r.*	*o.*
6	75·2	76·8	76·6	75·8		·865	·849	·901	·866		96	77	94	91		0·07	10	7·5	*o.*	*Cloudy* <
7	77·6	77·8	76·6	76·9		·962	·887	·901	·905		98	79	94	93		1·01	9	3	*Cloudy r.*	*c.* <
8	79·0	74·8	77·0	76·5		·952	·932	·890	·856		87	61	87	82		*Nil*	2	3	*b.*	*c.* <
9	77·4	82·0	77·0	78·4		·898	1·019	·889	·946		86	78	87	88		0·04	5	3·5	*c.*	*c.*
10	75·9	79·7	76·6	77·0		·863	·917	·886	·895		89	70	89	87		*Nil*	6	3	*c.*	*c.*
11	76·8	78·7	77·0	77·1		·858	·875	·903	·882		78	69	91	84		...	2	3	*b.*	*c.* <
12	75·8	78·2	75·8	76·2		·875	·877	·828	·852		85	74	79	82		...	7	7	*c.*	*c.* <
13	78·6	77·6	73·9	76·3		·898	·837	·770	·836		74	67	78	78		...	4	3·5	*c.*	*c.*
14	74·7	75·4	73·7	74·2		·819	·741	·749	·781		77	59	85	78		...	2	3	*b.*	*c.*
15	73·9	74·8	71·7	73·1		·756	·708	·723	·758		78	58	82	81		...	3	4·5	*c.*	*c.*
16	73·1	75·8	72·1	73·3		·753	·772	·758	·770		79	64	89	83		...	3	3·5	*c.*	*c.* <
17	71·7	74·8	70·5	71·9		·738	·721	·701	·724		86	59	84	79		0·01	7	2	*Cloudy.*	*b.*
18	70·3	73·9	70·9	71·3		·682	·710	·697	·707		79	62	79	79		*Nil*	6	4	*c.*	*c.*
19	71·9	74·8	71·7	72·4		·717	·734	·715	·733		77	62	78	78		...	2	2·5	*b.*	*c.*
20	70·7	74·8	68·3	70·9		·699	·729	·652	·704		81	61	84	81		...	5	3·5	*c.*	*c.*
21	72·0	74·8	73·3	73·0		·723	·768	·774	·767		79	71	84	84		...	1	5·5	*b.*	*c.*
22	73·8	74·9	74·1	73·9		·688	·746	·783	·780		77	64	80	81		0·08	7	5	*Cloudy.*	*c.* <
23	72·1	75·6	74·1	73·5		·748	·762	·779	·767		86	64	79	80		*Nil*	9	5	*Cloudy.*	*c.*
24	71·2	73·9	72·7	72·2		·724	·717	·758	·731		79	63	84	79		...	5	3·5	*c.*	*c.*
25	73·5	75·5	74·8	74·2		·783	·789	·802	·794		85	71	78	82		...	3	6·5	*c.*	*c.*
26	72·1	74·8	72·7	72·8		·718	·729	·764	·744		76	61	86	79		...	5	5	*c.*	*c.*
27	71·7	74·8	72·9	72·7		·725	·742	·783	·758		82	64	90	84		...	5	4·5	*c.*	*c.*
28	73·0	75·0	75·6	73·5		·792	·805	·857	·787		92	79	90	86		0·15	7	9	*Cloudy.*	*Cloudy.*
29	74·5	76·6	74·8	74·9		·829	·848	·853	·843		91	78	96	92		0·75	6	7	*c.*	*Cloudy r.* <
30	73·3	78·7	73·7	74·8		·774	·935	·955	·833		84	84	91	90		*Nil*	3	4	*c.*	*c.*
Mean	74·3	76·4	74·4	74·6	...	·807	·816	·816	·810	...	85	69	86	84	...	Total 4·61	5·5	5·1	...	...

Date.	Barometer reduced to 32°.				Temperature of Air.							Temperature of Radiation.				Wind.				
																Direction.		Velocity.		
	8 hours.	14 hours.	20 hours.	Mean.	8 hours.	14 hours.	20 hours.	Mean.	Maximum.	Minimum.	Range.	Sun.	Difference, Sun and Shade.	Nocturnal minimum on ground.	Difference, Shade and Radiation.	12 hours.	24 hours.	12 hours.	24 hours.	Total miles.
1	29·916	29·827	29·884	29·869	76·2	82·4	74·0	76·3	83·3	72·6	10·7	138·5	55·2	71·3	1·3	NNW	Calm	114	118	232
2	·897	·842	·918	·882	75·8	80·4	74·0	75·2	81·8	68·1	13·7	126·1	44·3	64·9	3·2	N by W	NNW	60	94	154
3	·970	·896	·965	·938	76·0	83·8	77·0	77·4	85·9	72·1	13·8	146·5	60·6	70·7	1·4	N by W	ENE	60	52	112
4	·988	·906	·986	·953	80·3	84·8	78·8	79·9	86·7	74·3	12·4	141·5	54·8	72·9	1·4	ENE	ENE	22	50	72
5	·985	·916	·959	·947	75·9	75·4	75·8	74·8	82·5	74·2	8·3	123·0	40·5	72·7	1·5	NE	N by E	15	13	28
6	·988	·881	·943	·928	75·6	83·1	79·8	78·0	85·5	72·1	13·4	139·8	54·3	71·7	0·4	Calm	NE by E	44	95	139
7	30·005	·934	·966	·962	76·8	84·0	78·0	78·2	86·3	73·3	13·0	140·8	54·5	71·7	1·6	NE	NE	57	94	151
8	·011	·962	30·003	·988	77·4	83·9	77·4	77·7	87·6	70·3	17·3	144·0	56·4	68·1	2·2	NE by E	NE by N	35	90	125
9	·011	·948	29·990	·978	78·6	84·6	74·8	77·4	86·4	69·3	17·1	143·4	57·0	66·9	2·4	NE by N	NE by N	48	71	119
10	·008	·928	·961	·960	74·6	83·5	75·0	76·1	86·4	72·3	14·1	140·9	54·5	70·5	1·8	NNE	NE by N	37	69	106
11	29·979	·903	·938	·934	76·0	85·0	77·8	77·6	87·3	68·9	18·4	143·5	56·2	66·9	2·0	NE	ENE	24	57	81
12	·999	·928	·962	·957	77·4	85·8	75·6	77·6	87·3	69·3	18·0	142·9	55·6	66·9	2·4	ENE	ENE	22	46	68
13	·999	·918	·964	·953	76·6	83·2	76·0	76·5	86·9	68·1	18·8	139·1	52·2	65·5	2·6	E by N	E by N	12	42	54
14	·987	·920	·976	·956	76·8	83·8	75·4	76·6	87·1	68·3	18·8	141·3	54·2	65·7	2·6	E by S	E by S	10	35	45
15	30·032	·939	30·005	·984	76·8	83·5	76·8	76·9	86·5	67·3	19·2	141·3	54·8	64·7	2·6	E	E	13	42	55
16	·043	·955	·021	·999	76·0	83·8	77·0	76·9	87·3	66·9	20·4	139·2	51·9	64·2	2·7	E by N	ENE	19	66	85
17	·043	·972	·013	30·003	74·8	83·6	77·8	77·0	87·1	70·0	17·1	141·9	54·8	68·6	1·4	E by N	ENE	25	111	136
18	·042	·984	·031	·014	79·4	85·8	77·0	79·1	87·2	70·8	16·4	141·9	54·7	65·8	5·0	NE by E	NE by N	71	112	183
19	·066	·995	·043	·029	81·0	84·8	77·8	79·4	87·7	69·8	17·9	143·4	55·7	66·6	3·2	NE	NE by E	86	109	195
20	·061	·999	·039	·028	81·0	84·8	78·6	80·2	88·0	75·3	12·7	140·3	52·3	71·6	3·7	NE by E	NE by E	124	97	221
21	·066	·999	·025	·024	75·4	85·0	77·8	77·4	87·5	67·8	19·7	138·1	50·6	64·2	3·6	NE	NE	43	90	133
22	·053	·970	·030	·011	76·0	85·4	75·0	76·9	87·3	68·6	18·7	142·3	55·0	64·6	4·0	NE by N	NE by N	43	66	109
23	·066	·997	·048	·031	72·7	85·2	78·6	76·8	87·3	67·6	19·7	141·3	54·0	64·0	3·6	NE by E	NE	36	97	133
24	·111	30·048	·109	·083	82·4	86·7	78·7	80·9	87·9	71·4	16·5	144·9	57·0	68·8	2·6	E by N	ENE	60	86	146
25	·098	·043	·088	·071	70·2	85·4	77·0	76·8	86·9	70·4	16·5	141·0	54·1	68·8	1·6	NE	NE by E	31	121	152
26	·059	29·966	·016	·006	77·8	84·2	73·0	76·3	85·9	66·2	19·7	142·3	56·4	62·8	3·4	NE	NE by N	63	82	145
27	·061	30·016	·041	·035	73·8	84·8	73·8	75·3	87·3	65·0	22·3	141·1	53·8	62·6	2·4	NNE	NE	28	60	88
28	·093	·035	·074	·062	73·8	84·8	75·8	76·1	86·5	66·8	19·7	142·7	56·2	63·6	3·2	NE by N	NE by N	29	71	100
29	·083	·018	·071	·052	73·3	85·8	73·1	75·1	87·5	64·6	22·9	142·1	54·6	60·6	4·0	NNE	NE by N	29	68	97
30	·079	29·992	·024	·025	72·8	86·8	73·1	75·3	87·0	63·8	23·2	139·4	52·4	60·6	3·2	NNE	NE	24	58	82
31	·062	·981	·026	·016	70·8	85·0	74·5	74·4	87·2	62·9	24·3	141·1	53·9	59·8	3·1	NNE	NE by N	34	71	105
Mean .	30·028	29·955	30·004	29·990	76·3	84·2	76·3	77·1	86·6	69·3	17·3	140·5	53·9	66·7	2·6	...	...	43	75	118

Date.	Temperature of Evaporation.					Computed Vapour Tension.*					Relative Humidity.					Rainfall, inches.	Cloud.		Cloud and Weather Initials.	
	8 hours.	14 hours.	20 hours.	Mean.	Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.	8 hours.	14 hours.	20 hours.	Mean.	From Minimum.		8 hours.	20 hours.	Before 12 hours.	After 12 hours.
1	73·9	73·9	70·3	72·3	Not recorded.	·806	·724	·693	·739		89	65	82	82		*Nil*	6·0	2·0	*c.*	*c.*
2	72·1	75·2	72·1	72·7		·739	·805	·763	·772		83	77	90	88		„	6·0	3·5	*c.*	*c.*
3	74·3	77·8	75·0	75·3		·826	·873	·843	·851		92	75	91	91		„	2·0	4·0	*b.*	*c.*
4	77·0	78·6	77·0	77·1		·885	·895	·905	·891		85	75	92	88		0·01	6·0	5·5	*c.*	*c.* <
5	75·2	74·8	75·2	74·7		·866	·856	·868	·846		97	98	98	100		0·36	10·0	9·0	*o.*	*o.* <
6	74·7	77·4	75·8	75·6		·841	·864	·839	·854		95	77	82	89		0·02	10·0	7·5	*o.*	*Cloudy* <
7	74·8	76·6	73·7	74·6		·837	·817	·775	·808		91	70	81	84		*Nil*	8·0	3·5	*Cloudy.*	*c.*
8	75·0	76·3	73·3	74·5		·837	·806	·766	·812		89	69	82	86		...	8·0	4·0	*Cloudy.*	*c.*
9	73·9	74·8	72·1	73·2		·774	·731	·753	·763		79	61	87	81		...	2·0	2·5	*b.*	*b.*
10	73·1	75·8	73·1	73·6		796	·789	·796	·796		93	68	90	88		...	6·0	3·5	*c.*	*c.*
11	73·3	77·6	73·1	74·3		·785	·848	·753	·805		87	70	79	85		...	1·0	3·0	*b.*	*b.*
12	73·9	74·9	73·1	73·6		·797	·720	·783	·776		84	58	88	82		...	1·0	2·0	*b.*	*b.*
13	73·9	74·8	72·5	73·3		·801	·750	·753	·778		87	65	84	86		...	1·0	3·5	*b.*	*b.*
14	74·1	76·8	73·7	74·5		·808	·828	·810	·829		87	72	92	91		...	1·0	2·0	*b.*	*b.*
15	73·9	74·9	71·9	73·2		·798	·707	·840	·716		86	62	91	77		...	1·0	2·5	*b.*	*b.*
16	73·3	74·8	72·9	73·3		·785	·744	·755	·763		87	64	82	84		...	1·0	1·5	*b.*	*b.*
17	73·3	75·8	74·8	74·2		·801	·788	·823	·809		93	69	86	87		0·06	7·0	3·0	*Cloudy.*	*c.*
18	73·4	74·9	72·9	73·3		·743	·720	·755	·743		74	58	82	75		*Nil*	4·0	2·5	*c.*	*c.*
19	72·1	72·3	69·1	70·8		·669	·626	·596	·640		62	52	62	64		...	4·0	3·0	*c.*	*c.*
20	73·5	75·9	70·3	72·8		·726	·775	·631	·708		69	64	64	68		...	3·0	2·5	*c.*	*c.*
21	71·3	74·8	71·1	72·0		·713	·728	·681	·713		81	60	71	75		...	2·0	3·0	*b.*	*c.*
22	73·0	73·8	71·0	72·2		·773	·672	·706	·728		86	56	81	78		...	2·0	3·0	*b.*	*c.*
23	70·9	75·6	72·2	72·5		·734	·758	·705	·744		91	63	72	81		...	3·0	4·0	*c.*	*c.*
24	74·1	77·8	74·9	75·2		·733	·833	·815	·798		66	65	83	75		...	4·0	4·0	*c.*	*c.*
25	72·3	74·8	70·9	72·3		·782	·721	·676	·734		95	59	73	79		0·04	9·0	4·0	*Cloudy.*	*c.*
26	71·9	74·8	69·9	71·8		·703	·736	·692	·721		74	62	86	79		*Nil*	1·0	5·0	*b.*	*c.*
27	68·9	73·9	69·9	70·5		·642	·690	·680	·683		76	56	81	78		...	1·0	2·0	*b.*	*b.*
28	69·9	74·4	70·0	71·0		·680	·712	·657	·692		81	59	74	77		...	2·0	3·0	*b.*	*b.*
29	69·9	75·5	68·1	70·8		·687	·746	·622	·697		84	60	76	80		...	2·0	2·0	*b.*	*b.*
30	68·8	73·9	70·1	70·5		·651	·663	·698	·683		81	52	86	78		...	1·0	1·5	*b.*	*b.*
31	67·9	76·6	67·9	70·4		·645	·803	·596	·691		85	66	70	81		...	1·0	1·3	*b.*	*b.*
Mean	72·8	75·5	72·2	73·1	...	·763	·765	·743	·761	...	84	65	82	82	...	Total 0·49	3·8	3·4	...	...

APPENDIX C.

TOTAL HOURLY MOVEMENT OF WIND RECORDED BY BECKLEY'S ANEMOGRAPH AT LUCKNOW AND NAGPUR, DURING 1889.

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN JANUARY 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	2	0	10	0	3	15	6	7	13	59	8·5	7·5	0·5	10	4	12·5	16	2
1 to 2	0	0	11·5	0·5	2	12·5	3·5	8	12	66	10·5	2	0	12	2	4	20·5	3
2 to 3	1	1	13	0	1·5	8	5·5	8	13	69·5	14·5	0	0	9	10	5·5	21·5	1
3 to 4	1	1	11·5	0·5	7	16	6	8	14	59·5	15·5	0	0	0	13	2·5	26·5	2
4 to 5	1	0	12	0	3	11·5	7·5	6	11	57·5	14·5	0	0	2	3	3·5	30·5	1
5 to 6	3·5	3	10	0	2·5	13·5	9	4·5	13	56	6	0	0·5	0·5	7·5	3·5	24	1
6 to 7	3·5	2·5	10	0	2·5	7	4·5	6	17	61	0·5	0	0	1	2	9·5	25	3
7 to 8	2	1·5	10	0	1·5	7·5	5	7·5	15	45·5	3	0·5	0·5	4·5	4·5	6	16·5	4
8 to 9	1·5	2	6	6	2·5	7·5	15	8·5	14	47·5	24·5	8·5	2	20	10	8	13·5	1
9 to 10	0·5	5	8	8	1	15·5	22·5	5·5	8	25·5	36·5	12·5	10·5	16·5	3·5	13	14	0
10 to 11	1·5	14	13	12	6	20·5	23·5	17·5	1	7	38	15	9·5	25	19	10	10·5	0
11 to noon	5	16	21	5	4	33	25	16	3	4·5	28	19·5	13·5	78·5	42	14·5	11·5	0
Noon to 13	4	10	22·5	3·5	7	46	23·5	28·5	1	4·5	27	10·5	15·5	93	48·5	9·5	19·5	0
13 to 14	3	8·5	29	0·5	10	48·5	20	22·5	5	10	18	16	16·5	98	74·5	10	10	0
14 to 15	5·5	6·5	22·5	0	7·5	51·5	21·5	19	6	7	20	15·5	14·5	81	74	7·5	7·5	0
15 to 16	14	4·5	4·5	0	5	45·5	29·5	18	9	4	20	23	15	101·5	52·5	7·5	7·5	0
16 to 17	15	10	8·5	0·5	3	21	14·5	14·5	4	1	15·5	19·5	14·5	89	43·5	8	8	0
17 to 18	11	4·5	15	0·5	1	20	10·5	3·5	9	0	10·5	31	9	51·5	19·5	11·5	12	0
18 to 19	7	4·5	12	0·5	1	19·5	12	3·5	8	0	7	34	34	33·5	10	5·5	5	0
19 to 20	3·5	6·5	10·5	0	3	20·5	7·5	3·5	8	0	2·5	20·5	44	30	3	4	9	0
20 to 21	2·5	4·5	9	2·5	1	21	11	4·5	9	3·5	2·5	22	34·5	28	0	6	13·5	1
21 to 22	2	5	10·5	1·5	1·5	21·5	14·5	5·5	8	6·5	12	17	19	19·5	5·5	5	6·5	1
22 to 23	2	3·5	4	0·5	1	20·5	10	2·5	12	37	17·5	9	11	11·5	8.5	11·5	6	3
23 to midn.	1·5	2·5	3	0·5	0·5	14	10·5	1·5	15	43·5	11	3	8	7	7	10	13·5	4

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN FEBRUARY 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total Miles of Wind.								Hours calm.	Total Miles of Wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	0	6	3·5	2·5	10·5	19·5	33·5	7·5	8	44·5	27·5	9·5	12	9	3	4	14·5	0
1 to 2	0	9·5	6	2	1·5	18·5	40	3·5	8	66	24·5	3	8·5	4	0	11	13	0
2 to 3	0	8	4	1	7·5	19·5	40·5	10·5	7	60	36·5	3	5	2	11	4	15·5	0
3 to 4	0	8·5	4	0·5	1·5	23	34	7·5	9	62·5	28·5	1·5	0	2	4·5	2·5	15·5	1
4 to 5	2·5	7	2·5	1	1	23	33	10	8	54·5	29·5	2	1	2·5	2·5	5	20	0
5 to 6	5·5	2·5	3	1	2·5	15	32	11·5	7	63	26·5	3	1	5	5	0	27·5	0
6 to 7	5	5·5	4	1·5	2	10	34	5	9	44	21	7·5	2·5	6·5	8	1·5	14	2
7 to 8	5	5·5	6·5	0	1	10·5	39	7·5	8	39	17	6·5	8	9·5	4·5	0	7·5	1
8 to 9	13·5	5·5	9·5	0	3	17·5	62	8	6	25	60	29·5	18·5	18	4	4	6	0
9 to 10	7	5	12	2	2	34·5	53·5	12	6	14·5	62	37	9·5	20	26·5	8·5	2	0
10 to 11	0·5	12	11·5	5	5	46	56	20	3	5	25	45	21·5	46·5	28	5	24	0
11 to noon	3	10	19	9	0	62·5	59·5	10	3	31·5	7·5	27·5	22	86·5	37·5	13	13·5	0
Noon to 13	2·5	8·5	21·5	7·5	15	61	59 5	16·5	3	28	9	5	34·5	84	57·5	19·5	12·5	0
13 to 14	4	10	16·5	0·5	13	76·5	67	17·5	2	13	0	13	20	51·5	68	44	32·5	0
14 to 15	0	8·5	16·5	2	0	83	72·5	19·5	1	16	6	1·5	7·5	47·5	63·5	66·5	33·5	0
15 to 16	2	6	15	3	8	51	72	28	0	11	3·5	12·5	15·5	77·5	40·5	36·0	29·5	0
16 to 17	9	6	12·5	3·5	1·5	29·5	47	22	2	18	7	9·5	18·5	65·5	35·5	34	30	0
17 to 18	16	7	9·5	2·5	1	14	28·5	9·5	5	19	2·5	28	16	16·5	35	23	16	2
18 to 19	14	5	8·5	3·5	2	12	23·5	6·5	7	16	10	25·5	23	13·5	20	7	19	0
19 to 20	12	3	5·5	2·5	2	14	26·5	4·5	10	16·5	4·5	32	31	21	3	4·5	21·5	0
20 to 21	11	2·5	3·0	0·5	2·5	27·5	28·5	4·5	10	22·5	4·5	28	49·5	12·5	2	3	9	0
21 to 22	5	5	6	1	2·5	24	26·5	7	5	16	14·5	13	54	12	2	0	25·5	0
22 to 23	1·5	6	5	1·5	1·5	16	32·5	6	5	24·5	19·5	10	25	9·5	8	0·5	8	1
23 to midn.	0	8	4	1	2	20	31	9	7	30	27·5	6·5	17·5	16·5	5·5	5·5	7	1

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN MARCH 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	0	0	3	7·5	11·5	58	35·5	3·5	9	48·5	7	0	1	25	12	14	31·5	0
1 to 2	0	0	2·5	6	7·5	44·5	43·5	5	6	47·5	10	0	1·5	12·5	17·5	2·5	25·5	0
2 to 3	1	0	0	0	11	47·5	42	1·5	6	55·5	10	4	2·5	2·5	8·5	17	29	1
3 to 4	2	0	0	0	13	45	38·5	1·5	6	67	24	2	4	0	6	7	30	0
4 to 5	3	0	0	0	9	40	29	1	6	40	25·5	4	8	0	5	4	20·5	1
5 to 6	1	0	0	0	8·5	36·5	18	1	9	56	18·5	5·5	4	5	7·5	0	18·5	0
6 to 7	0	0	0	0	7	37	18	0	10	35	9·5	3	5	8·5	0·5	0	33·5	2
7 to 8	1	0	0	0	9·5	44	22	0·5	8	38	21	15·5	8·5	7	4	6	16	1
8 to 9	5	0	0	0	7	52	32	2	6	29·5	55·5	20	15·5	14·5	0	10	24	0
9 to 10	8	0	0	0·5	8	91·5	36	3	3	31	37·5	49·5	27	26·5	8·5	2·5	22·5	0
10 to 11	6	0	0	6	54·5	95	48·5	14	0	28	44	36	21·5	18	26·5	6·5	17·5	0
11 to noon	0	0	0	8	86·5	71	39	12·5	0	14	33	28	25·5	17·5	50	3	25	0
Noon to 13	2·5	0	0	0	67	104	62	14·5	0	18	13·5	19	27·5	29·5	48	23	15·5	0
13 to 14	2	0	0	5	83	128·5	39·5	12	0	21	17·5	6	33·5	25	68·5	37	17·5	0
14 to 15	0	0	0	0	68·5	148·5	30	14	1	25·5	11	2·5	12	35	49·5	52·5	28	0
15 to 16	0	0	0	0	46	150	48	14	0	26	17	2	6	38	57	34·5	26·5	0
16 to 17	0	6	0	0	19	128	45·5	2·5	1	13	23·5	3	7·5	41	45	42·5	19·5	0
17 to 18	0	4	0	0	13·5	72	33·5	1	3	9·5	14	9	13·5	28·5	27	37·5	18	0
18 to 19	0	1	0	0	8·5	50	22·5	1	2	11·5	10	22·5	27	17	20·5	24	19·5	0
19 to 20	0	0	0	0	9·5	53	20	0·5	4	8·5	6	23	33·5	25	11·5	19·5	22	0
20 to 21	0	0	0	0	14·5	51·5	21	2	2	10	9·5	11	36	27	7	23	20·5	0
21 to 22	0	3	0	0	9	46·5	21·5	2	6	19	15	5	23·5	33·5	9	19	37	0
22 to 23	0	1·5	1·5	0	7	43·5	27·5	2	5	24·5	13	2	4·5	25	8·5	3·5	39	2
23 to midn.	0	0	4	0	9·5	59	33·5	3	7	51	8·5	4	8	14	5	7	31·5	0

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN APRIL 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	0	0	0	1·5	8·5	61	20	0	6	53·5	8·5	9·5	0·5	0	34	10	43	3
1 to 2	1·5	1·5	0	1	8·5	58·5	13	0	6	39·5	28	4·5	1	1	25·5	14·5	42	1
2 to 3	2	2	0	0·5	9	54 5	16	0	5	57·5	7·5	2	4	6	12	12·5	45·5	2
3 to 4	0	4	0	0	11·5	46	17·5	0	7	78·5	9	1·5	14·5	8·5	15	5	16	2
4 to 5	0·5	0·5	0	0	9	43	14	0	8	62	17	2	9	13	16	3	17	0
5 to 6	0·5	0·5	0	1·5	13·5	37·5	23·5	0	3	43	25	11·5	6	10	10·5	7·5	20·5	2
6 to 7	0	0	0	3	16.	43·5	25.5	0	3	28·5	29	5	5	8	14	4	22·5	1
7 to 8	0	0	0	1·5	13	52·5	22	0	6	49	2 ·5	12·5	10·5	18·5	7	21·5	30·5	1
8 to 9	0·5	0·5	0	0	23	75·5	35·5	5	2	33·5	48·5	28·5	6	22·5	19·5	9·5	46	0
9 to 10	0·5	0·5	0	2	37	73·5	56	2·5	0	33·5	28	43·5	21	14	43·5	10	35·5	0
10 to 11	0·5	3	3	9	69·5	101·5	53·5	2	0	27	19	41	14·5	37	52	4	35·5	0
11 to noon	0	4	5	5·5	80·5	100·5	44·5	10	0	21	33·5	38·5	15·5	31·5	62·5	12·5	31	0
Noon to 13	0	3	3	9·5	54·5	133 5	37	8·5	0	12	10·5	17·5	13	32	61	47	34	0
13 to 14	2·5	2·5	4	10 5	52	161	45	5·5	0	18·5	5	7	13	48	41·5	38·5	55·5	0
14 to 15	0	1·5	1·5	4	51	165	56	0	0	16·5	7	0	23	32	33	58·5	36	0
15 to 16	0	1	1	1	46	172	48	0	1	17	5·5	5	5	55	43	70	28·5	0
16 to 17	0	0	0	0	61	118	56	0	1	20·5	12	5	5·5	26	46	48	56	0
17 to 8	0	0·5	0·5	0	27	89	27	5	3	29	5	11	8	25	39	53	47	1
18 to 19	1	1	0	0	29	42·5	16	3·5	4	21·5	19·5	15	11	21	33	29·5	30·5	0
19 to 20	0·5	0·5	0	5·5	30	36·5	9·5	2·5	7	34	7	13·5	30	11	10·5	25	30	1
20 to 21	0·5	0·5	0	0	27	37·5	9	1·5	4	34	9·5	34·5	10	13	10·5	16·5	27	3
21 to 22	1	1	0	4	24·5	35·5	5·5	1·5	8	30	19	23·5	11·5	18 5	2·5	26·5	25·5	3
22 to 23	1	1	0	1·5	17·5	42	8	2	7	35·5	27	11	5	25	7	25	25·5	3
23 to midn.	0·5	0·5	0	2	25·5	47·5	16	0	5	35	18·5	2	7	13	22	11	80·5	1

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN MAY 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	2·5	4·5	5·5	0	0	9·5	34·5	7·5	8	9	11	12	14·5	29·5	35·5	36	55·5	0
1 to 2	0·5	5·5	5	0	0	11	36·5	7·5	7	14·5	2·5	1·5	10	38·5	63	8	88	0
2 to 3	0	2·5	5·5	0	0	8	41	9	9	28·5	7·5	0	0	46	55	13·5	104·5	0
3 to 4	1	5	6	0	0	6·5	28·5	9	9	35·5	6	0	0	39·5	44	14·5	112·5	0
4 to 5	3	2	0	0	12	5·5	24·5	4	13	43·5	1	2	3	27·5	29·5	10	100·5	1
5 to 6	7·5	6·5	0	0	1·5	11·5	20	3	7	45	2·5	2	0	13·5	27·5	12·5	98	0
6 to 7	1	8·5	8·5	0	3	13	18·5	3·5	7	37	2	3	4	23	26	11	102	0
7 to 8	2	3·5	11·5	3	2·5	12·5	25	3	6	63	20	0	3	43	47	23	120	0
8 to 9	9	15	14·5	1	5·5	26·5	26	5·5	2	90·5	12·5	3	14·5	26	93·5	13	78	0
9 to 10	13·5	12	20·5	0	11	56·5	47	11·5	2	90·5	26·5	6	2	16	99·5	27·5	65	0
10 to 11	3	17	20	0	16	59	71·5	21·5	0	51·5	17	13	0	4·5	72	27	72	0
11 to noon	2	13·5	17	2	7·5	64·5	79·5	30	0	59	11	7	0	10	37	38	73	0
Noon to 13	12	7	13·5	3·5	4·5	89	87	32·5	0	41	12·5	2	8	13	24	62·5	86	0
13 to 14	6	2·5	17	4	7	52·5	125	33	0	31	17	11	0	29	23	76·5	61·5	0
14 to 15	10·5	3·5	8	3·5	8·5	50	120	55	0	27	14·5	14·5	10	13	33·5	74	74·5	0
15 to 16	11	2	13·5	0·5	0	56	132·5	35·5	0	24	16	10	12·5	10·5	47	82·5	81·5	0
16 to 17	6	1·5	6	3·5	4	68	133	34	0	31·5	10	7·5	16·5	10	36	106·5	57	0
17 to 18	2	4	4	0	0	40	94	38	3	20·5	19·5	2·5	9·5	24·5	26	85·5	58	0
18 to 19	2·5	2·5	6	0·5	0	8·5	54	21	4	22·5	1·5	1	8	44	10	62·5	64·5	2
19 to 20	3	0	2	0	6·5	13	41	12·5	7	20·	9	2	17	26·5	6·5	41·5	50·5	2
20 to 21	0	0·5	2·5	0	0	13	39	7	9	18·5	9·5	10·5	6	12·5	3·5	30·5	46	0
21 to 22	5·5	6	3	0	0	10·5	42	18	8	20·5	14	10	8·5	16	21	17	62	2
22 to 23	13	2	2	0	0	10	42·5	13·5	8	18	5	12·5	15·5	10	38·5	27·5	49	1
23 to midn.	1	4	4	0	0	15·5	41	13·5	8	10·	5·5	4	21·5	17	32	40·5	45·5	0

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN JUNE 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	6·5	30	21	17·5	8	9	5·5	0·5	4	5·5	0	1	4	5	68	114·5	42	1
1 to 2	6	23	25·5	12·5	12	8·5	4	1·5	3	5·5	16	1·5	3	8	85	102·5	36·5	0
2 to 3	4	18	33	9	8	5·5	6·5	3	5	0	0	15·5	4·5	12·5	86·5	118·5	27·5	0
3 to 4	3	19·5	27·5	5	8	8·5	7	2·5	5	0	2	18·5	23·5	5	66	113·5	17·5	0
4 to 5	1	13·5	37	7	6·5	10·5	8·5	0	5	0	0·5	4·5	16	20·5	57·5	110	31	1
5 to 6	1·5	20·5	29·5	5·5	7	13·5	10·5	0	4	0	1	6	0	50·5	65·5	100	20	3
6 to 7	4·5	25	42	7	9·5	14	8·5	1·5	5	7·5	5·5	2·5	1	19·5	87	99·5	12·5	3
7 to 8	4·5	21·5	67·5	11	14	13·5	6·5	0·5	1	10	0	1	0	10	146	154	43	0
8 to 9	4·5	31	77	16·5	8	13·5	12	0·5	1	1	1	0	0	10·5	85·5	224	95	0
9 to 10	4·5	27·5	61·5	22·5	10·5	7·5	9·5	2·5	2	1·5	0	0	0	7	66	206	134·5	0
10 to 11	8	39	52·5	19·5	9·5	2·5	18·5	4·5	0	5·5	0	0	0	9·5	72·5	184·5	134	0
11 to noon	8	29	42	9·5	20	10	14·5	4	1	0	0	0	0	19	83·5	148	133·5	0
Noon to 13	8	22	37·5	12·5	17·5	12·5	22	2	1	0	5	0	0	24·5	75	159·5	119	0
13 to 14	7·5	20·5	38	17	21	15·5	26·5	13	3	22·5	0	0	0	15	99	121·5	114	0
14 to 15	16·5	25	29·5	14	14	10·5	39	1·5	1	23·5	0	0	0	16	131·5	137·5	84·5	0
15 to 16	10	25·5	44	19·5	8·5	12	28	12·5	2	20	5·5	5·5	0	50·5	138·5	107·5	79·5	0
16 to 17	6	43	18·5	8·5	1	15·5	30·5	4	3	24·5	0	19	0	34	92·5	175	36	0
17 to 18	1·5	17·5	18	10	1·5	3·5	31	3	7	14	5·5	15·5	8·5	2	74	194·5	52	0
18 to 19	0	14·5	21	10·5	1	6	11	1	10	4	5	14·5	3·5	4	77	142·5	69·5	0
19 to 20	2·5	11·5	29	10	4·5	4·5	9	0	6	18·5	26	5	5	21·5	61	76·5	70·5	0
20 to 21	11·5	13·5	23·5	10·5	2·5	2·5	1	3	9	25·5	4	2	0	33·5	69	71	42	0
21 to 22	0	18	22·5	11·5	7·5	3·5	0	3	9	13	7	7	0	27	76	54·5	43·5	0
22 to 23	3	15·5	30·5	11	6	4	0·5	0·5	8	1·5	1·5	9	5	29·5	76·5	77	35	1
23 to midn.	21	20	33·5	15·5	3·5	3·5	0	0	7	2	0	5	5	7	68·5	107·5	42	0

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN JULY 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	3	3	16·5	5·5	2·5	7·5	13	4	15	3·5	3	9	4	11·5	57	88	15	5
1 to 2	4·5	4	11	13·5	2	2	16	6	12	7·5	1	1	6	5	40·5	72·5	40·5	1
2 to 3	3	3·5	11·5	9	7	7	8	8	12	7·5	0·5	0·5	1·5	10·5	33·5	68	43	2
3 to 4	6·5	5	11	9	11	8·5	1·5	1·5	12	19·5	1·5	1	0	5	52·5	75·5	16	1
4 to 5	8·5	3	18	11·5	5	7	0·5	2·5	11	7·5	1	3	2	4·5	62	62	26	1
5 to 6	6·5	8·5	13	12	4	4	3·5	4·5	11	9	0	1·5	2	4	39	81·5	29	1
6 to 7	8	12	19	12·5	2	4	4·5	5	9	5	1	0	6·5	12	40·5	102	39	0
7 to 8	8	27	27·5	18·5	3·5	5	5	5·5	5	16·5	4	0	6	9	66·5	110·5	66·5	0
8 to 9	10·5	20	29	21	0	10·5	9·5	8·5	5	4·5	0	0	4	7	75·5	91	119	0
9 to 10	9	13·5	44	28	0·5	18·5	8	7·5	3	14·5	0	0	0	20	69·5	124·5	94·5	0
10 to 11	13·5	10·5	48·5	25·5	6	13·5	19·5	11	1	11	4·5	0	0	16	40·5	125	121	0
11 to noon	10	10·5	41·5	31·5	4	23	15	8·5	1	27	6	0	0	14	39·5	107	110·5	0
Noon to 13	6	7·5	38	30	0	23·5	23·5	6·5	4	59	4	0	0	16·5	39	98	117·5	0
13 to 14	4	17·5	40	26	0·5	32·5	15·5	4	2	60	8	5	0	12	36	150·5	68·5	0
14 to 15	4	9·5	35·5	24	9·5	28	11	2·5	5	24	6·5	3·5	0	8	55	142·5	84·5	0
15 to 16	14	7·5	32·5	21·5	6·5	30	19·5	1·5	5	15	15·5	7	6	19	82·5	114·5	102·5	0
16 to 17	12·5	7	14·5	15	2·5	28	16·5	2	7	31·5	10	2·5	3·5	18	23·5	129·5	108·5	0
17 to 18	8·5	6·5	12·5	11·5	1	22	7·5	4·5	8	25·5	10	5·5	3	15·5	16·5	110	83	0
18 to 19	3	4	11	11·5	3	14·5	7·5	4·5	10	30·5	8·5	7	7	15	47·5	62·5	46	0
19 to 20	3·5	13·5	13	9·5	4	7	8·5	4	13	9	5·5	2	5	30	45·5	86	34	0
20 to 21	5·5	3	12·5	8·5	8	8·5	2·5	2·5	10	11·5	8	4·5	7·5	33·5	43·5	63·5	24	0
21 to 22	7·5	7·5	13	8·5	4·5	2	7·5	7·5	10	12·5	2·5	13	8·5	18·5	47·5	60	22·5	0
22 to 23	11·5	4	13·5	7	4	3	11·5	11·5	10	11	3·5	5	4	20·5	47	79·5	21·5	1
23 to midn.	5	3·5	11	8	2·5	2	13·5	7·5	10	6·5	2·5	7·5	4·5	25	60·5	81·5	7	1

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN AUGUST 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	0	1·5	18·5	15	3·5	0·5	0	0	13	2	0	0	0	11	40·5	120·5	46	1
1 to 2	0·5	0	17·5	16·5	3	0	0	0·5	15	0	0	0	0	16	38	119·5	26·5	1
2 to 3	0	0	26	17·5	4	0·5	0	0	12	0	0	0	0	3	46	144·5	32·5	2
3 to 4	0	0	25	17	4	1	0	0	11	0	0	0	0	0	57·5	117	47·5	1
4 to 5	0	1·5	25·5	16	4	1	0	0	10	0	0	0	0	0	42·5	109·5	48	4
5 to 6	0·5	2	27	17·5	4·5	1	0	0·5	9	0	0	0	0	0	38	142·5	33·5	1
6 to 7	0	1·5	48	26·5	5	1	0	0	7	4	0	0	0	0	46·5	156	31·5	0
7 to 8	0·5	6	50·5	38·5	5	1	0	0·5	5	3·5	0	0	0	0	47	201·5	60	0
8 to 9	1	5·5	66·5	44	6·5	1·5	0	1	5	9	0	0	0	0	56·5	222·5	78	0
9 to 10	2	2·5	70	52	6·5	0	0	2	3	11	2·5	0	0	0	40	228·5	95	0
10 to 11	3	4·5	65·5	53	9	0	0	3	2	0	0	7	8	0	17·5	146·5	127	0
11 to noon	2·5	11·5	62	67·5	5	0	0	2·5	4	0	0	16	11	0	18·5	201	108·5	0
Noon to 13	4	10·5	46	67	4·5	0	0	3	2	0	8	4	14	2	51·5	204·5	126	0
13 to 14	12	4·5	46·5	57·5	3	0	0	1·5	4	12·5	2·5	5	14·5	17·5	69·5	245·5	76	0
14 to 15	9	7	41·5	44	8·5	0	0	2	3	0	3	3	0	25	50·5	248	120·5	0
15 to 16	6·5	11·5	38·5	39·5	2·5	0	0	4·5	4	0	0	3	3	8	71	248·5	97·5	0
16 to 17	2	4·5	26	29	5·0	0·5	0	1	8	0	0	1	1	0	58	231	109	0
17 to 18	2	1	24·5	17·5	6	0	0	2	9	4·5	0	0	12	0	48	211	82·5	0
18 to 19	0	4	17	13·5	5·0	0·5	0	3	11	3	0	0	6	6	37·5	128·5	63	0
19 to 20	0	7	22	8·5	3·5	0	0	3	15	2·5	0	5	0	0	39·5	94	70	0
20 to 21	0·5	1·5	24	9·5	4·5	0·5	0	3·5	14	1	0	4	4	0	41·5	89	66·5	0
21 to 22	1	5·5	18·5	11	3	0	0	1	18	0	0	0	2·5	2·5	40·5	73	71·5	0
22 to 23	0·5	0	16·5	7	2·5	0	0	0·5	20	0	0	0	1	9	34	87·5	50·5	0
23 to midn.	0	1	19·5	8	2·5	0	0	2	16	7·5	0	0	1·5	4	50	103	49	0

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN SEPTEMBER 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	3·5	3	4·5	0·5	0·5	0	7·5	11·5	15	19	7	1	0·5	3	31·5	9	17	2
1 to 2	12	8	4·5	0·5	0·5	1	7·5	14	13	19	7	3	0	3·5	27	5·5	21	4
2 to 3	13	8·5	6·5	1	0	1	7	10	10	17.5	5·5	0	0	1·5	10·5	16·5	26·5	2
3 to 4	10	9·5	5	0·5	0·5	1	9·5	12	11	25·5	6·5	1	1	2	9	14	17	2
4 to 5	14	7·5	7	2	0	0·5	6·5	10·5	15	26·5	2·5	0	0	3·5	16	5·5	15	4
5 to 6	18	10·5	11·5	1·5	0	1	7	11·5	11	22	2	0	0	3	10	6·5	11·5	2
6 to 7	14	16	8·5	2·5	0	1	7	8	13	19·5	1·5	0	0	5	10·5	9	13·5	1
7 to 8	28	18·5	14·5	0	0	4	11	7	6	29·5	5·5	0	0	0	10·5	19·5	34	0
8 to 9	27·5	18	17	3	0	3·5	10	7	3	13	20	3·5	1·5	2·5	2	19·5	49	2
9 to 10	36	12	20	4·5	0	2	11·5	16	6	11·5	18·5	9·5	5	7	4·5	31	31	0
10 to 11	27·5	25	21·5	2	0	1·5	16·5	45	3	16·5	18·5	7·5	1·5	4	14·5	27	27·5	0
11 to noon	22·5	20·5	16	4·5	1·5	1	14·5	62·5	2	16·5	11 5	16·5	11	7	23	33·5	23	0
Noon to 13	10·5	35·5	12·5	3	0·5	1	13	66	4	39	34.	5·5	4	3·5	5·5	47·5	23	0
13 to 14	12·5	27·5	16·5	1	0	1·5	28·5	57·5	5	34	22	14	17·5	22·5	11	51	22	0
14 to 15	23·5	21·5	22	5	0	3·5	25·5	45	2	24	37	10·5	24	18·5	23	31·5	31·5	0
15 to 16	15	27·5	16·5	2	5·5	1	19·5	34	1	53·5	49·5	13·5	5	30·5	22	17·5	26·5	0
16 to 17	19·5	18	5·5	1	1	1	13	22	6	42	42·5	19·5	18	30	21·5	17	14·5	0
17 to 18	5	12·5	3·5	0·5	0·5	0·5	7	12·5	11	14·5	17	12·5	12	22	15	16	19	3
18 to 19	2·5	8	4	0·5	0·5	0	2	7·5	17	29	12·5	9	16	8·5	19·5	4	17·5	0
19 to 20	3	10	3	1	1	0·5	6·5	7	15	16·5	7·5	9	5·5	18·5	11·5	6·5	14	3
20 to 21	4	11	4	0·5	0·5	3	5	5	18	15·5	6	6·5	6	15·5	19·5	15·5	6·5	3
21 to 22	8·5	7	4·5	0	0	2	6·5	7·5	14	27·5	3·5	5	3·5	8	21·5	15	9	3
22 to 23	5	7	6	0	0	1·5	5·5	9	16	16	4·5	5·5	2·5	17	9·5	5	22	2
23 to midn.	5·5	10	4·5	0·5	0·5	0·5	6·5	6	17	11·5	7·5	9	6	18	21	6·5	10·5	2

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN OCTOBER 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	7	0·5	1	2·5	0	0	4·5	23·5	13	49·5	31·5	13·5	3	3	2	6	20·5	0
1 to 2	6·5	0·5	1·5	2	0	0	4	22·5	12	55	30·5	6·5	1·5	0	11	0	22·5	0
2 to 3	6·5	1	3	2	0	1	4·5	22	11	62·5	34·5	6	4	0	5	5	33	1
3 to 4	7	0·5	0·5	0	0	1	3	21	15	64·5	28	4	4	0	0	5	23·5	2
4 to 5	4	1	1·5	3·5	0	0	3	19	16	76	25·5	2·5	4·5	0	0	1·5	36	0
5 to 6	5·5	1	1	1	0	2	2·5	20	17	63	28	5	5	0	0	2	40	1
6 to 7	7·5	0·5	1	0·5	0	3	2·5	22	15	61	32·5	5·5	2·5	0	0	0	26·5	2
7 to 8	11	1·5	1	0·5	0	4	3	29	13	56	57·5	18·5	9·5	0	0	0	27·5	[illegible]
8 to 9	16·5	0·5	2	0·5	0	2	3	31·5	16	46·5	43	51	11·5	0	0	0	26	[illegible]
9 to 10	13	6·5	4	4·5	0	2	5	36	6	47	53·5	54	24	0	0	0	18·5	0
10 to 11	20	3	7	6	0	2	8·5	42·5	3	46	53·5	69·5	18·5	4	0	3	13·5	0
11 to noon	28·5	3	4·5	3·5	1	0	13·5	57	2	51	69	79·5	11	1·5	4·5	5	5·5	0
Noon to 13	46·5	3·5	2	4	0·5	0	19·5	47	0	65	78	64	14	2	0	9	0	0
13 to 14	31·5	1·5	2·5	6	2	0	13	62·5	2	49·5	75	60·5	5	19·5	2·5	0	14	0
14 to 15	31·5	1	1	4	0	4	7	59·5	4	55	72	46·5	0	12·5	20·5	10	19·5	0
15 to 16	20·5	1·5	0·5	2	0	0	6·5	50	8	58	83	29·5	0	3	17	5	9·5	0
16 to 17	11·5	2	0	1	0	0	2	23·5	13	32	77·5	33	9·5	0·5	5	5	15·5	0
17 to 18	7·5	0	0	1	0	0	1·5	13	19	27·5	54·5	19·5	2·5	9	2	3	8	4
18 to 19	3	0·5	0·5	1	0	0	2	14	18	18·5	29	25·5	12·5	1·5	2·5	1	10·5	4
19 to 20	5·5	1·5	1·5	1	0	1	1·5	19	16	26	36	20·5	7·5	5·5	1·5	0·5	14·5	2
20 to 21	2·5	1	1	0	0	1	4·5	21	18	24·5	25·5	23·5	6·5	7·5	2·5	2	11	2
21 to 22	4·5	0	0	2	0	0	3·5	22	17	24·5	33·5	17·5	5·5	6	0	0	13	1
22 to 23	4·5	0·5	1	2·5	0	0	3·5	20	15	43	32	9·5	3	3	0	0	15·5	1
23 to midn.	7	0	0·5	2·5	0	0	4	23	14	50	29·5	13	2·5	1	1	0	19	0

TOTAL HOURLY MOVEMENT OF WIND, RECORDED BY BECKLEY'S ANEMOGRAPH, IN NOVEMBER 1889.

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to. 1	14·5	0	0	0	0	0·5	2·5	24·5	8	83	4	0	0	0	0	1·5	42·5	1
1 to 2	13·5	0	0	0	0	0	3	24·5	11	90·5	13·5	0	0	0	0	2	49	0
2 to 3	13·5	0	0	0	0	0	5	26·5	12	107·5	0·5	0	0	0	0	0	54	0
3 to 4	16	0	0	0	0	0	6	25	10	109	4	0	0	0	0	0	52	0
4 to 5	11·5	0	0	0	0	0	4·5	27	10	102·5	4·5	0	0	0	0	0	47	2
5 to 6	9·5	0	0	0	0	0	2·5	23	14	101·5	8	0	0	0	0	0	46·5	0
6 to 7	9	0·5	0	0	0	0	2	17·5	14	110	5	0	0	0	0	0	54	0
[illegible] 8	7·5	0	0	0	0	1	1	15·5	15	100	16	0	0	0	0	0	16	0
[illegible]o 9	9·5	0	0	0	0	0	1·5	18	16	77	90	0	0	0	0	0	3	0
[illegible]o 10	13·5	0	0	0	0	0	3	23·5	9	70·5	98	2·5	0	0	0	0	0	0
10 to 11	18·5	0	0	0	0	0	5	41·5	7	48	113·5	8	0	0	0	0	0·5	0
11 to noon	22	0	0	0	0	0	6·5	70·5	9	54	112·5	23·5	0	0	0	5	6	0
Noon to 13	30	0	0	0	0	0	17·5	73·5	2	58	105·5	26·5	0	0	0	3	9	0
13 to 14	33	0	0	0	0	1	20	76	2	67·5	82·5	19	3	1·5	0	0	6·5	0
14 to 15	34·5	0	0	0	0	0	23·5	67	5	97	56·5	11	0	0	2	4·5	7	0
15 to 16	31	0	0	0	0	0	11·5	69·5	5	86·5	59·5	1	0	0	0	0	7	0
16 to 17	13	0	0	0	0	0	2·5	32·5	10	26	72	3	0	0	0	0	3	1
17 to 18	7	0	0	0	0	0	2·5	19·5	13	20·5	41·5	1	0	1·5	1·5	0	1	
18 to 19	8	0	0	0	0	0	3·5	23·5	12	15·5	38	2·5	0	1	1	0	2	3
19 to 20	5·5	0	0	0	0	0	4·5	23	12	28·5	34·5	5	0·5	0	6	4	4·5	1
20 to 21	8	0	0	0	0	0	5	29	9	47	28·5	8·5	0·5	2	1	3	13·5	1
21 to 22	11	0	0	0	0	0	6	27	9	66	24·5	2·5	0	0	0	0	21	0
22 to 23	12	0	0	0	0	0·5	9·5	27	7	73	16·5	0	0	0	0	0	19·5	0
23 to midn.	8	0	0	0	0	0	12	26	9	87	5·5	0	0	0	0	0	32·5	

Hours.	LUCKNOW.									NAGPUR.								
	Total miles of wind.								Hours calm.	Total miles of wind.								Hours calm.
	N	NE	E	SE	S	SW	W	NW		N	NE	E	SE	S	SW	W	NW	
Midn. to 1	8	0	0	0	0	2·5	17	10·5	11	134·5	10·5	0	0	0	0	1·5	1·5	0
1 to 2	6	0·5	0	0	0	7	15	12·5	8	144	3	0	0	0	0	0	0	1
2 to 3	7	1	0	0	0	7	19·5	20·5	6	164	3·5	0	0	0	0	0	2·5	0
3 to 4	3	1	2	0	0	7	20·5	18·5	5	163·5	8	0	0	0	0	0	5·5	1
4 to 5	4·5	1·5	0·5	0	0	5·5	13·5	15·5	6	158	6	0	0	0	0	0	8	0
5 to 6	4·5	1	0	0	0	4·5	14·5	20·5	8	150	4	0	0	0	0	0	12	0
6 to 7	4·5	0	0	0	0	3	13·5	17	9	130	3·5	0	0	0	0	0	10·5	1
7 to 8	1·5	0	0	0	0	2·5	9	18	9	122	3	0	0	0	0	0	7	0
8 to 9	3·5	0	0	0	0	2	12·5	19	10	105	16	0	0	0	0	0	2	0
9 to 10	8	0	0	0	0	3	14·5	23·5	6	33	112·5	2·5	0	0	0	0	2	0
10 to 11	25	0·5	0·5	0	1	0	21	20	3	25·5	107	19·5	0	0	0	0	0	0
11 to noon	24·5	1·5	0·5	0	0	3	26	26·5	1	17·5	103·5	51·5	2·5	0	0	0	0	0
Noon to 13	24·5	10	0·5	0	0	4·5	42·5	26	0	27	98	40	5	0	0	0	0	0
13 to 14	23	22	1	0	0	2	47·5	28·5	0	38·5	72	46·5	2	0	0	0	2	0
14 to 15	15·5	21·5	1	0	0	0	43	30	0	46·5	71	29·5	2	0	1·5	1·5	0	0
15 to 16	13·5	18	2	0	0	3·5	36	29	2	21	67	32	7·5	0	0	0	1·5	0
16 to 17	10·5	1	0	0	0	2	29	6·5	8	4	37·5	33	5	0	0	0	1·5	1
17 to 18	8	1·5	2	0	0	1	18·5	8	6	2·5	29	33	9	0	0	0	0·5	0
18 to 19	7·5	1·5	1	0	0	3	20	11	3	3	24	42	16·5	0	0	0	1·5	0
19 to 20	7·5	1	1	0	0	2	20	6·5	8	0·5	25	22·5	5	0	0	0	0	7
20 to 21	9·5	0·5	0	0	0	6·5	17·5	7	9	9	26·5	20	1·5	0	0	0	0	11
21 to 22	10	0·5	0	0	0	5	17·5	9	6	37·5	32	18	4	0	0	0	2·5	2
22 to 23	7	1	0	0	0	7·5	16	8·5	8	71	28	5	0	0	0	0	4	0
23 to midn.	5	0·5	0	0	0	7	12·5	8	9	98	20	0	0	0	0	0	8	1

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